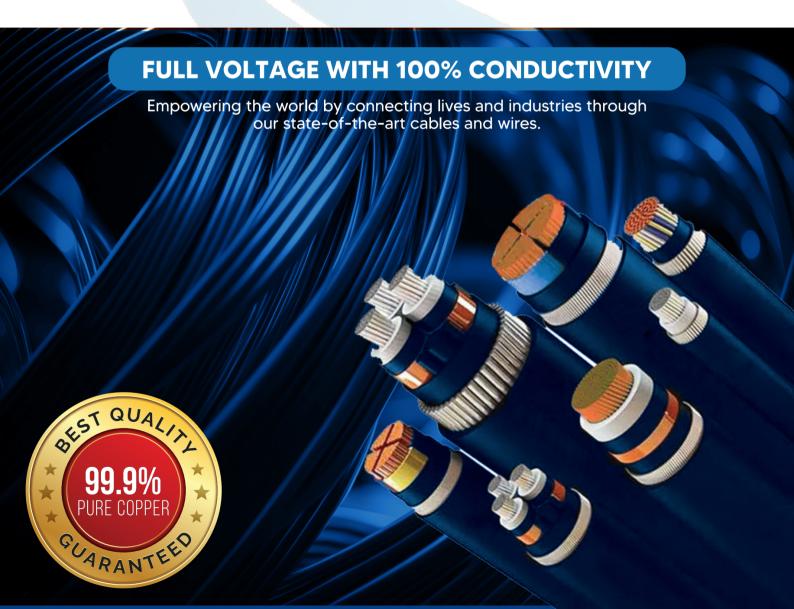


COMPANY PROFILE

Our cables are engineered to surpass expectations, delivering optimal performance even under the most severe environmental conditions.



MEGA VISION CABLES COMPANY PROFILE

COMPANY OVERVIEW

INTRODUCTION & BRIEF PROFILE

An icon of trust and reliability MEGA VISION Wires & Cables is a Value Based Organization (VBO). With over 2 decades of expertise in the field of wires and cables we have grown to be a trustworthy and reliable source for quality in the building wires and power cables industry.

MEGA VISION products are manufactured to perform their best even in the harshest of weathers. Striving for technological advancement and excellence MEGA VISION not only has made its mark in the national market but is also a well-known name in the SAARC region. Committed to innovation and originality we resolve to become a global entity.

With state-of-the-art manufacturing plant (installation of American Extrusion Lines for XLPE-PVC & LSZH) and stringent quality checks by internationally acclaimed labs such as: STANDARDS: MEGA VISION Cables is manufacturing Cables according to BS-6004, IEC 60228, IEC 60502-1, BS 2004, BS 6500, IEC 60228 and BS-6004, BS 6346,6360) MEGA VISION Cables Manufacture Products that are suitable for all electrical operations and are guaranteed for life.

LABS: with state of art manufacturing plant (installation of American extrusion lines for XLPE-PVS) and stringent Quality checks by internationally acclaimed Labs such as

PSQCA: Pakistan standards & Quality control Authority

PCSIR: Pakistan council of scientific and industrial research.

UET: High voltage costing University of Engineering & Technology.

MIRDC: Metal industry research & development center.

AGS: American Global Standards, under all applicable standards of IEC, BSS, UL83, ANSI, VDE & DIN.





"At Mega Vision Cables Pvt. Ltd., our mission is to empower the world by connecting lives and industries through our state-of-the-art cables and wires. We commit to innovation, excellence, and resilience, ensuring that every product we create sets new benchmarks in quality and reliability. Our dedication is to provide sustainable, high-performance cable solutions that meet the evolving needs of our global customers while maintaining the highest standards of customer service and ethical business practices."



"Our vision is to be the global leader in cable technology and manufacturing, enriching the future of energy transfer and communication. We envision Mega Vision Cables Pvt. Ltd. as the cornerstone of industry infrastructure, pioneering advancements that drive progress. By consistently pushing the boundaries of what's possible, we aim to enhance connectivity and power the pulse of industries worldwide, fostering a more interconnected and efficient tomorrow."

MEGA VISION CABLES PRODUCT RANGE

Mega Vision Cables Pvt. Ltd. takes pride in offering an extensive range of premium cable products, meticulously designed to cater to a vast spectrum of industrial, commercial, and residential needs.

SIZE (0.5mm sq to 630mm sq) Multi Core.

- 1. Buildings Wires & Cables
- 2. LT power cables with CU/AL conductor
- 3. Armored & Un Armored Cables
- 4. AAC and ACSR conductor as per WAPDA Standards
- Flexible DC cables single and multi-Core
- **6.** Flexible special cables for Instrumentation & control
- 7. PVC / PVC solar cables UV Resistant Photo Voltaic XLPE/PVC, XLPO/XLPO
- **8.** Telecommunication cables
- **9.** RG -6, RG -7, RG -11, RG -213 etc. types cables
- 10. Flame retardant LSZH cables
- 11. Fire retardant MGT Mica Glass Tape Cables for High Temperature.
- **12.** Cables for wind energy.
- 13. Customized cables, as per Customer specs.
- 14. Chinese Specifications.

Imported cable grade material is used in manufacturing because if copper does not have 100% conductivity, cable will have less conductivity and greater resistance which means increased electricity bills. This is the reason that our growth and operational excellence has been awarded with strong business competencies that have served as a solid foundation for

our expansion. The Company has been accredited with many international and national certifications.





HOUSE WIRING:

Conductor. Cu. Insulation: PVC / LSZH

- From 0.5mm to 630mm²
- Rated Voltage: 300/500V, 450/750V Reference Standard: BS: 6004, 6360
- IEC: 60228, 60332-1
- _15°C Minimum Service temperature is -15°C
- Conductor operating temperature 70°C for standard PVC and LSZH
- Conductor operating Temperature 90°C for special HR PVC & XL-LSZH on request
- Flame Retardant
- Maximum short-circuit temperature 160°C for PVC & 250°C for XL-LSZH

LOW VOLTAGE CABLES:

Conductor. Cu. | Al Insulation: PVC | XLPE | LSZH Sheat: PVC | LSZH

- Available Single Core / Multicore as required
- Available Armoured / Unarmoured as required
- Available in flexible Cu conductor also.
- From 1.5 to 1000mm2
- Rated Voltage: Up to 1KV
- Reference Sadard: BS: 6346, IEC: 60502-1, 60228, 60332-1



Minimum Service temperature is -15°C



Conductor operating temperature 70°C for standard PVC and LSZH insulation



Conductor operating Temperature 90°C for XLPE insulation



Maximum short-circuit temperature 16°OC for PVC & 250°C for XLPE



Flame Retardant



Indoor/outdoor Installation

FIRE RESISTANT CABLE:

Conductor. Cu. Fire Protection: Mica Glass Tape Insulation: XLPE Sheeth: LSZH

- Available Single Core / Multicore as required
- Available Armoured / Unarmoured as required
- From 1.5 to 630mm2
- Rated Voltage: Up to 1KV



Conductor operating temperature 70°C for standard LSZH insulation.



Conductor operating temperature 90°C for XLPE insulation



Maximum short-circuit temperature 250°C for XLPE insuation



Flame Retardant



No Toxic Gases

HOUSE WIRING

(SOLARFLEX X-PVI-F)

Conductor. Tinned Flexible Cu.

Insulation: XLPE Sheath: XLPO

Rated Voltage: 1500V

Reference Standard : BSEN: 50618, IEC: 60228, 60332-1

60754-1/2 & 61034



Normal operating temperature 90°C.



Maximum operating temperature 120°C for 20,000 h



Maximum short-circuit temperature 250°C for 5 Sec



Expected life > 25 Years



Flame Retardant



indoor/outdoor installation



No Toxic Gases



UV and Horizon resistant (Weather resistant)

CONTROL CABLE

Conductor. Cu | Flexible Cu. Insulation: PVC | XLPE | LSZH Sheath: PVC | LSZH

- Available as per customer requirements
- Available Armoured / Unarmoured as required.
- Rated Voltage: Up to 1 kV
- Reference Standard: IEC: 60502-1, 60228, 60332-1



Minimum Service temperature is -15°C



Conductor operating temperature 70°C for standard PVC and LSZH insulation



Conductor operating temperature 90OC for XLPE insulation



Maximum short-circuit temperature 160°C for PVC, LSZH & 250°C for XLPE



Flame Retardant



indoor/outdoor instalation

Our Manufacturing range with Comparison of Imperial and Metric Sizes of Cables and Current Ratings

IMPERIAL Standing formation	CONVERTED TO mm2	NEAREST Available Metric Size (mm2)	CURRENT in Amperes
1/.044″	0₌981	1.0	13.5
3/.029"	1,290	1.5	17.5
3/.036"	1.970	1.5	17.5
7/.029″	2₌982	2.5	24.0
7/.036″	4.597	4.0	32.0
7/₌044″	6-861	6.0	41 _° 0
7/ _* 052″	9.591	10.0	57.0
7/ _* 064″	14.528	16.0	76.0
19/ _* 052 ["]	26.003	25=0	101.0
19/.064"	39:434	35.0	125.0
19/0,72"	49.909	50.0	151.0
19/0 _* 83″	66₌323	70:0	192.0
37/•072″	97.191	95.0	232,0
37/ _* 083″	129,156	120.0	269=0
37/ _* 093″	162,153	150₌0	300₌0
37/ _* 103″	198-899	185=0	341.0
61/ _* 093″	267.333	240.0	400*0
61/.103″	327.915	300₊0	458.0
91/₌093″	398.809	400.0	546₌0
91/₌103″	489,185	500.0	617.0
127/ _• 103″	682,709	630.0	694.0
Flexible Cables	Flexible Cables	Flexible Cables	Flexible Cables
14/"0076"	0.409	0.5	03
23/.0076"	0,613	0.75	06
40/ _° 0076″	1.171	1.0	10
70/.0076"	2,049	1.5	16
110/.0076"	3,219	2.5	25
162/₌0076″	4.	4 _* 0	32

CURRENT CARRYING CAPACITY (IN AMPERES)

TABLE 01: Single-core copper conductor, 700C PVC insulated, non-armored, with or without sheath cables, Ambient air temperature: 300C, Ambient ground temperature: 200C, Soil thermal resistivity (cable buried in ground) 2.5k.m/W.

	Reference Method A (enclosed in conduit In thermally insulating Wall etc)		Reference (enclosed in con in trunk	duit On wall or
Conductor Cross- Sectional Area	2 Cables Single Phase A.C or D.C	3 OR 4 CABLES 3-PHASE A.C	2 Cables Single Phase A.C or D.C	3 OR 4 CABLES 3-PHASE A.C
mm²	А	А	А	А
1.0	11	10.5	13.5	13.5
1.5	14.5	13.5	17.5	17.5
2.5	20	18	24	24
4	26	24	32	32
6	34	31	41	41
10	46	42	57	57
16	61	56	56 76	
25	80	73	101	101
35	99	89	125	125
50	119	108	151	151
70	151	136	192	192
95	182	164	232	232
120	210	188	269	269
150	240	216	300	300
185	273	245	341	341
240	321	286	400	400
300	367	328	458	458
400	-	1 3/4-	546	546
500	-	- 10 A	626	626
-	<u>-</u>	1 - 30	720	720

 $\label{eq:Reference Method F} Reference\ Method\ F$ (On free air or on a perforated cable tray horizontal or vertical)

Reference Method C (clipped direct)		Touching			Spaced by One Cable Diameter	
Single Phase A.C Flat and	3 or 4 CABLES 3-Phase A.C Flat and Touching or	3 CABLES Single Phase A.C. or D.C. Flat	3 CABLES 3-Phase A.C. Flat	3 CABLES 3-Phase A.C. Trefoil	A.C. o	Single-Phase or D.C. Phase A.C. Flat Vertical
Touching	Trefoil	Tiuc	Trut	Trefoir	TIOTIZOIIIai	vertical
А	А	А	А	А	А	A
15.5	14	-	-	·	-	-
20	18	-	-	·	-	-
27	25	-	-	-	-	-
37	33	-	-	-	-	-
47	43	-	-	-	-	-
65	59	-	-	-	-	77
87	79	-	-	-	-	
114	104	131	114	110	146	130
141	129	162	143	137	181	162
182	167	196	174	167	219	197
234	214	251	225	216	281	254
284	261	304	275	264	341	311
330	303	352	321	308	396	362
381	349	406	372	356	456	419
436	400	463	427	409	521	480
515	472	546	507	485	615	569
594	545	629	587	561	709	659
694	634	754	689	656	852	795
792	723	868	789	749	982	920
904	826	1005	905	855	1138	1070

Electric Formulas

Electrical formulas for determining Ampere, Kilowatt, Kilovolt- ampere and horse power.

Direct current (DC)	Alternating Current (AC)		
11 10	Single Phase	Three Phase	
A= KW×1000/v	A= KW×1000/v×P.F.	A= KW×1000/1.73×v×P.F.	
A= KVA×1000/v	A= KVA×1000/v	A= KVA×1000/1.73×v	
A=HP×746/ V×(%Eff.)	A=HP×746/V×(%Eff.)×P.F.	A=HP×746/ 1.73×V×(%Eff.)×P.F.	
KW=A× V/1000	KW=A× V×P.F./1000	KW=A× V×1.73×P.F./1000	
KVA= A× V/1000	KVA= A× V/1000	KVA= A× V×1.73/1000	
HP=A× V× (%Eff)/746	HP=A× V× (%Eff)×P.F./746	HP=A× V× 1.73×(%Eff)×P.F./746	

Latest Cables Color Code

Number Of Cores	Colors to IEC 60502-1	Colors to BS 5467 (A:2008)		
	Red or Black	Brown or Blue		
2	Red & Black	Brown & Blue		
3	Red ,Yellow and Blue	Brown, Black And Grey		
4	Red ,yellow Blue and Black	Blue, Brown, Black and Grey		
5	Red, Yellow, Blue , Black	Green/ Yellow, Blue ,		
	And Green /Yellow	Brown , Black and G		

Cable size & H.R.C fuse rating for motors

Motor H.P.	Full Load Current	HRC Fuse Rating	Cable Size (Metric)
1.0	1.9	6.0	2.5 mm2
1.5	2.5	10.0	2.5 mm2
2.0	3.4	15.0	2.5 mm2
3.0	4.8	15.0	4.0 mm2
4.0	6.4	20.0	4.0 mm2
5.0	7.8	20.0	4.0 mm2
7.5	11.6	30.0	4.0 mm2
10.0	14.4	35.0	6.0 mm2
12.5	17.3	50.0	6.0 mm2
15.0	21.0	30.0	6.0 mm2
20.0	28.0	35.0	10.0 mm2
25.0	35.0	50.0	16.0 mm2
30.0	41.0	50.0	16.0 mm2
40.0	55.0	60.0	25.0 mm2
50.0	69.0	80.0	35.0 mm2
60.0	83.0	100.0	50.0 mm2
70.0	97.0	100.0	70.0 mm2
80.0	110.0	125.0	70.0 mm2
90.0	123.0	125.0	70.0 mm2
100.0	136.0	150.0	70.0 mm2
125.0	171.0	200.0	95.0 mm2
150.0	200.0	250.0	120.0 mm2
175.0	231.0	300.0	150.0 mm2
200.0	263.0	350.0	185.0 mm2
250.0	-	-	24 mm2
300.0	-	-	300 mm2

US-AMERICAN AND BRITISH UNITS

Conversion of usual measuring units (Units for cables and wires)

In the US the measurements are mainly used in AWG-numbers (AWG = American Wire Guage). The AWG-numbers conform the British B&S-numbers (B&S = Brown & Sharp)

AWG	mm2	AWG	mm2	AWG	mm2	AWG	mm2
30	0.05	18	0₌75	6	16	300 MCM	150
28	0.08	17	1.00	4	25	350 MCM	185
26	O _* 14	16	1.5	2	35	500 MCM	240
24	0.25	14	2.5	1	50	600 MCM	300
22	0.34	12	4	2/0	70	750 MCM	400
21	0.38	10	6	3/0	95	1000 MCM	500
20	0.50	8	10	4/0	120		

LATEST CABLES COLOR CODES

NO. OF CORES	COLOURS TO IEC 60502-1	COLOURS TO BS 5467 (A:2008)
1	Red or Black	Brown or Blue
2	Red & Black	Brown & Blue
3	Red, Yellow and Blue	Brown, Black and Gr ey
4	Red, Yellow, Blue and Black	Blue, Brown, Black and Gr ey
5	Red, Yellow, Blue, Black and Green/Yellow	Green/Yellow, Blue, Brown, Black and Grey

Testing the Content of Acidic Halogen Gases- (EC 50754-1):

It is required in cables of zero halogen that all insulation, inner and outer sheath materials to pass a test to determine the percentage of halogen content within each component (IEC 60754-1).

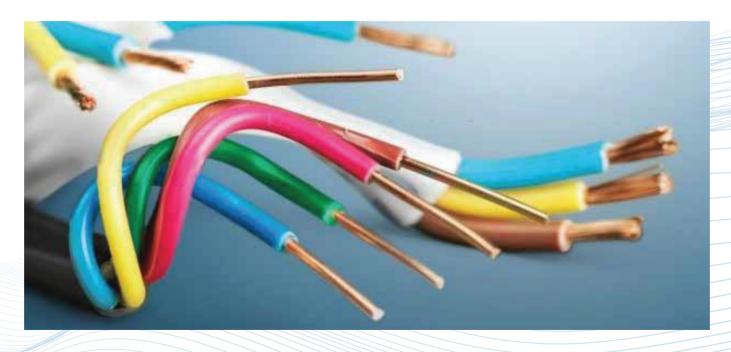
This percentage should not exceed 0.5%. The test is conducted by burning a small sample of insulation or the covering inside a tubular furnace at 800°C in the presence of a source of dry and clean air. The result of burning process to be collected and then to be analyzed chemically in order to determine the percentage of halogen, which should be no more 0.5%. This is called the direct way.

Testing Acidity and Conductivity for the burned halogens- (IEC 60754-2):

The percentage of halogen could be measured indirectly through the degree acidity and conductivity.

The percentage of acidity (which has a direct relation with halogen) should be more than 4.3% per every one letter of the distilled water. In this method, a sample of the insulation or the outer covering to be burned as per the first method but with higher temperature (935°C), the result of the burning process to be collected in a distilled water, then measuring the acidity which should be no more than 4.3% representing a low degree of acidity.

When measuring the percentage of conductivity, it should be more than 1.0ptS/mm.



1. FIRE RESISTANT LSZH CABLE (≤ 0.6/1kV):

Fire resistant cable is cable which will continue to operate normally in the presence of prolonged fire for a specified time under defined conditions, or, Fire resistant cables are designed to maintain circuit integrity of those vital emergency service during fire conditions.

Construction of Fire Resistant LSZH Cable:

The fire resistant cable are constructed in the following typical format:

- Stranded annealed copper conductor
- Mica tape fire resisting barrier
- Flame retardant PVC/LSZH as Insulation & Bedding use
- Finally outer sheath of LSZH

Operating Temperature & Mechanical values:

Maximum continuous normal operating temperature: 90°C Maximum permissible temperature at short circuit: 250 °C Elongation of LSZH: 125 %

Tensile strength of LSZH:10 N/mm²

Applications & Characteristics of Fire Resistant LSH Cable:

Fire resistant cable is mainly used for high building, subway, plant station and other places where require fire-control. Fire resistant cable not only can deliver power with rated voltage 0.6/lkV also would remain working safely for 3 hours in the case of 950-1000°C high temperature flame burning.

Thus it can be seen that fire resistance cable has the highest safety factor than non-fire resistant cable.

International Standard Compliance for Fire Resistance LSZH Cable:

- IEC. 60331 -fire resistance test
- · BS. 6387 -fire resistance test
- British standard specification (BS. 6746 & BS. 7655)

2. FLAME RETARDANT PVC CABLE (≤ 0.6/1kV):

Flame retardant cable are not rated to continue to operate under fire circumstances but it will resist propagate of fire into a few area by having behavior in fire under defined conditions.

Construction of Flame Retardant Cable:

The flame retardant cable are constructed in the following typical format:

- Stranded annealed copper conductor
- Flame retardant PVC as Insulation & Bedding use
- Finally outer sheath of PVC

Operating Temperature & Mechanical values:

Maximum continuous normal operating temperature: 70°C Maximum permissible temperature at short circuit: 160°C

Elongation of PVC (FR): 150 %

Tensile strength of PVC (FR): 12.5 N/mm²

Applications & Characteristics of Flame Retardant PVC Cable:

Flame retardant PVC cables are designed for use in fire situations where the spread of flames along a cable route needs to be retarded

International Standard Compliance for Flame Retardant Cable:

IEC. 60332-1/BS. 4066-1 -flame test on single vertical insulated wires/cables

- IEC. 60332-3/BS. 4066-3 -flame test on bunched wires/cables
- UL standard for flame retardant cable
- British standard specification (BS. 6746 8 BS. 7655)

3. HEAT RESISTANCE PVC CABLE (300/500V):

Heat resistance (Thermal resistance) is a heat property and a measurement of a temperature difference by which an object or material resists a heat flow.

Construction of Heat Resistance Cable:

The heat resistance cable are constructed in the following typical format:

- · Stranded annealed copper conductor
- · Flame retardant PVC as Insulation & Bedding use
- Finally outer sheath of PVC

Technical Data:

Maximum continuous normal operating temperature: 90°c Maximum permissible temperature at short circuit:250 °C Elongation of PMC (HR): 150 % Tensile strength of PVC (HR): 12.5 N/mm²

Applications & Characteristics of Heat Resistance Cable:

High or low temperatures, heat and cold influences, permanent temperature changes demand cable types with special insulation and jacket material depending on the different applications.

Depending on their individual temperature limits these cables are split in different resistant classes which cover temperature ranges.

International Standard Compliance for Heat Resistance Cable:

- · British standard specification (BS. 6231 & BS. 6004)
- · IEC. 60502

4. LOW SMOKE ZERO HALOGEN-LSZH (≤ 450/750V):

Halogens:

Halogens, the symbol "X" is often used generically to refer to any halogen, include: Astatine, Bromine, Chlorine, Flourine & Astatine.

Produce bio-accumulative and toxic chemicals
Fire - hydrogen chloride/fluoride/bromide/iodide
Water - hydrochloric/flouric/bromic/iodic acids
Toxic to environment and humans in sufficient quantities

Construction of Fire LSZH Cable:

The LSZH cable are constructed in the following typical format:

- Stranded annealed copper conductor
- · Flame retardant LSZH as Insulation & Bedding use
- · Finally outer sheath of LSZH

Operating Temperature & Mechanical values:

Maximum continuous normal operating temperature: 90 °C Maximum permissible temperature at short circuit: 250 °C Elongation of LSZH: 125 % Tensile strength of LSZH:10 N/mm²

Applications & Characteristics of Heat Resistance Cable:

Because of their low smoke and toxicity benefits, LSH cables are often chosen for a multitude of applications. These include: Railway station, airports and other mass transit facilities, public entertainment and sport facilities, hotels, hospitals & Computer/data centers.



WHAT ARE HOLGENS?

The symbol X is often used generically to refer to any halogen, which include:

Astatine Bromine Chlorine Flourine Iodine

HIGHLY REACTIVE

- 1) Produce bio-accumulative and toxic chemicals
- 2) Fire hydrogen chloride/fluoride/ bromide/lodide
- 3) Water hydrochloric/flouric/bromic/iodic acids
- 4) Toxic to environment and humans in sufficient quantities

Transfer easily among air, water, and land.

WHY USE OF LSZH?

Materials contain halogens, such asCE, PVC Neoprene and FEP.
LSZH are commonly used because they are durable, resistant to fire, and relatively inexpensive.

Advantages of LSZH

- 1. Safety: LSZH minimize the effects from smoke and harmful corrosive gases in event of combusion.
- 2. Superior Flame Retardancy: LSH controls and minimizes the outbreak of fire.
- 3. Inexpensive: LSZH saves cost, increasing overall value of wire and cable used.
- 4. Durability: LSZH increases life span of wire and cable.

Performance and Specification Standards

Low smoke zero halogen cables are manufactured and tested to different standards.

- 1) Smoke Density Test- (IEC 61034)
- 2) Testing the Content of Acidic Halogen Gases- (IEC 60754-1)
- 3) Testing Acidity and Conductivity for the burned halogens- (IEC 60754-2)

4) Flame Retardant Test- (IEC 60332-1)



Smoke Density Test - (IEC 61034)

The smoke emission of cables is measured using a room chamber by putting the cables to be tested horizontally upon alcoholic tray as a source of fire with limited amount of smoke (the number of sam ples to be determined according to the required specification), in addition to scalar lamp in one of the sides of the room facing a electro-photocell to measure the density of light in the opposite wall connected to an electric circuit and computer to record the value of observation. The level of smoke density shall be determined on the basis that before the test the density of the absorbed light shall be considered to be 100% as there is no smoke that hampers the light to reach from the source.

After starting the test and result of the smoke emission due to burning cables that causes hindering the light from the emitted by the lamp from reaching the electro-photocell, then the amount of light starts to be less gradually and according to the increment and the density of smoke, the electric photocell starts to calculate the percentage of transmitted light during the test.

The duration of the test according to the specification IEC 61034 is (40 minutes), in addition, the minimum percentage of transmitted light required according to the interna specification is 60%.



OUR CLIENTS

Your satisfaction and success are at the heart of our efforts.

































OUR CLIENTS

Your satisfaction and success are at the heart of our efforts.





















Certificate

Certificate No.: UK-20549

Gitchia Institute of Global Certification (Private) Limited (hereinafter "Gitchia") awards this managment system certificate to:

MEGA VISION CABLES

Address: 1.3KM Turkey Road, Ring Road, Ruda Industrial Estate, Lahore, Pakistan

Scope of Certification: Manufacturing and Distribution of General

The validity of the Gitchia certificate will be maintained by annual surveillance audit and one re-certification audit before the expiry date of current cycle.



Aforementioned organization has been evaluated and certified in accordance with the Gitchia procedures and successfully meeting the requirements of the standard(s):

ISO 9001:2015

Authorized Signatory

Quality Management System

This certificate is valid from February 09, 2024 until February 08, 2027 and remains valid subject to satisfactory surveillance audit. Recertification audit due a minimum of 60 days before the expiration date. Original registration since February 09, 2024.







Head Office: 43 L. Abdul Haque Road, Johan Town, Lahore, Pakistan Gitchia | www.gitchia.com | info@gitchia.com Page 1 of 1





Certificate No.: UK-20551

Gitchia Institute of Global Certification (Private) Limited (hereinafter "Gitchia") awards this managment system certificate to:

MEGA VISION CABLES

Address: 1.3KM Turkey Road, Ring Road, Ruda Industrial Estate, Lahore, Pakistan

Scope of Certification: Manufacturing and Distribution of General Wires

The validity of the Gitchia certificate will be maintained by annual surveillance audit and one re-certification audit before the expiry date of current cycle.

Aforementioned organization has been evaluated and certified in accordance with the Gitchia procedures and successfully meeting the requirements of the standard(s):

ISO 45001:2018

Occupational Health and Safety Management System

This certificate is valid from February 09, 2024 until February 08, 2027 and remains valid subject to satisfactory surveillance audit. Recertification audit due a minimum of 60 days before the expiration date. Original registration since February 09, 2024.





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Certificate No.: UK-20550

Gitchia Institute of Global Certification (Private) Limited (hereinafter "Gitchia") awards this managment system certificate to:

MEGA VISION CABLES

Address: 1.3KM Turkey Road, Ring Road, Ruda Industrial Estate, Lahore, Pakistan

General Conditions for Confliction for Section Section

Scope of Certification: Manufacturing and Distribution of General Wires

The validity of the Gitchia certificate will be maintained by annual surveillance audit and one re-certification audit before the expiry date of current cycle.

This is a bisclockum worthed certificate, the authoritizity of this document can be verified by scanning the QR at the end of the document

Aforementioned organization has been evaluated and certified in accordance with the Gitchia procedures and successfully meeting the requirements of the standard(s):

ISO 14001:2015

Environmental Management System

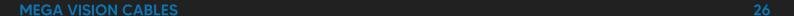
This certificate is valid from February 09, 2024 until February 08, 2027 and remains valid subject to satisfactory surveillance audit. Recertification audit due a minimum of 60 days before the expiration date. Original registration since February 09, 2024.





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"Endorsement, Global Acceptance"





EC DECLARATION

OF CONFORMITY NO. CE-UK-2024141

GGL has examined the product and the related technical file of products has been assessed according to the procedure of conformity assessment described in the article 15 Annex IV as presented and certifies that the below mentioned product complies with the applicable requirements of the EC Council Low Voltage Directive 2006/95/EC until 19th April 2016 and 2014/35/EU from April 20th 2016 and meet the transposition into national and international laws. All supporting documentations are retained under the premises of the manufacturer. GGL is exclusively responsible for the declaration of conformity. The Directive(s) and standard or specification as below.

Certificate Holder MEGA VISION CABLES

1.3KM Turkey Road, Ring Road, Ruda Industrial Estate, Lahore, **Company Address**

Product Brand MEGA VISION CABLES

Product Name See Annex 1 Rating 6V~1000V

Classification Article 15, Annex IV of Directive 2014/35/EU

Assessment Route EC Declaration of Conformity (Annex IV of Directive 2014/35/EU)

Examined for Compliance with: Council Directive 2014/35/EU Reference: EU declaration of conformity in Article 15, Annex IV and safety objectives

referred to in Article 3 and set out in Annex I of LVD has been demonstrated Relevant Standard(s)/Technical Specification: EC Council Low Voltage Directive 2006/95/EC until 19th April 2016 and 2014/35/EU from April 20th 2016

Harmonized & Applicable Standards References: EN 62493-1:2015, 2009/125/EC and amendments, 244/2009 and amendments, 2011/65/EU and amendments, UL 1786 & CSA C22.2 No.256, ErP Directive REG. 244/2009, ANSI/UL2108

Additional Information: This Declaration of Conformity covers all products as specified in the Annex I (Product/models list) belonging to this declaration. Production & Management System is controlled under ISO 9001:2015 Limitations: GGL has liabilities limited to the audit for certification of the products and in case of alteration of the products, not agreed upon by us, this declaration will

lose its validity automatically.

Technical file Reference No.: CE-UK-2024-MVC-82 Verification Report No.: CE2024.G.UK.88 Expire Date of the Certificate: February 08, 2025 Start of CE Marking: February 09, 2024

Place, Date of Issue: Rome, February 09, 2024





Signed on behalf of GGL Italy Branch:





Leonardo Pavoletti General Manager

Scheme Manager

Certifikat

Certhcado

Zertifikat

довідка

Сертификат

Certificate



EC DECLARATION

OF CONFORMITY NO. CE-UK-2024141

List of product(s) attachment to the declaration of conformity

Manufacturer: Mega Vision Cables

Annex 1

Sr. No.	Product(s)	Article Number
01	House General Wire	EU-MV-01
01 02 03	Telephone, Solar Flexible & Co-Axial RG-Type Wire	EU-MV-02
03	Power Cable Armored & Un-Armored	EU-MV-03
04	Aluminum Armored & Un-Armored with Conductor	EU-MV-04
05	All Control & Chinese Specification Wire	EU-MV-05



CE

Signed on behalf of GGL Italy Branch:



Leonardo Pavoletti General Manager



Eduardo Ricagni Scheme Manager



central ComBitions No Certification Services. The registration reas subject to the GGA terms and conditions, and terms and expected to expect to expect the expect of the expect to expect the expect of expected expected expected to expect the expect to expect to expect the expect to

Page 2 of

Certifikat

Certhcado

Certificat

Certificate

Сертификат

довідка

NESPAK UET TEST LETTER



NATIONAL ENGINEERING SERVICES
PAKISTAN PRIVATE LIMITED
1 - C. BIOCA - N. Model Town Ext.
Lahore 54700 Pakistan

RESIDENT CONSTRUCTION SUPERVISION FOR ESTABLISHMENT OF DERA GHAZI KHAN INSITUTE OF CARDIOLOGY

4161/RE/SFMKB/DGK/1116

Dated: Jan 22, 2024

Head of Dept,

Dept.of Electrical Engineering

UETLahore.

Subject: Testing LV Power Cables (Mega Vision Cables) to be used at the Construction of Institute of Cardiology DG KHAN

Dear Sir.

Please find enclosed herewith list attached in Annex-A including samples of LV Cables to be used at construction of Cardiology Center, D.G Khan. Therefore, you are requested to carry out the following tests. Charges of all the tests will be borne by the Contractor. Samples are jointly taken by the consultant and contractor representative.

Sr No	Test Description		
1	No. of wires		
2	Strand diameter		
3	Overall diameter		
4	Insulation Thickness	. 7	7
5	D.C,Resistance at 20 c°	- W.	1,5
6	Insulation Resistance at 70 c°	220	
7	High voltage test at 3.5kv for 5 minutes	at the same of the	
8	Current carrying capacity as per dia at full load		

Tests to be performed as per standard of BS 6004/6346,6746,6360.60228.

It is requested to submit the test report to the undersigned office at the earliest.

Address: Sardar Fatch Muhammad Khan Buzdar, Institute of Cardiology

Dera Ghazi Khan, Punjab. Cell No: 0301-7643092

Encl: As Stated Above

Regards

For National Engineering Services Pakistan (Pvt) Ltd

Khalid Mahmood Resident Engineer

- □ HEEEP Building, 17-C/1, Civic Center, Fasial Town, Lahore-54700 (Pakistan)
 □ Tcl: +92-42-99231922 Fax: 92-42-99231923
- E-mail: emdivision@nespak.pk
- http://www.nespak.com.pk

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NESPAK UET TEST LETTER

Annexure -A

- Cu./XLPE/PVC Cable (600/1000V)
- 1. 4 core 35 Sq.mm Cu/XLPE/PVC
- 2. 4 core 50 Sq.mm Cu/XLPE/PVC
 3. 4 core 70 Sq.mm Cu/XLPE/PVC
 4. 1 core 185 Sq.mm Cu/XLPE/PVC
- II. Emergency Exit Light Cables
- Cable single core 1.5mm pvc insulated unarmoured 450/750 v voltage grade copper cable
- Fire Alarm Cables
 - 6. Fire Alarm System with 2C, 1.5 Sqmm shielded, twisted pair Fire Resistant Cable (90 Min.)
- IV. CU/PVC Single Core 450/750V
 - 7. CU/PVC 1x 6 MM2 450/750V

- ▼ IEEEP Building, 17-C/1, Civic Center, Fasial Town, Lahore-54700 (Pakistan)
 ★ Tel: +92-42-99231922 Fax: 92-42-99231923
 ☑ E-mail: emdivision@nespak.pk

- http://www.nespak.com.pk

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UET TEST DG KHAN



HIGH VOLTAGE ENGINEERING LABORATORY

DEPARTMENT OF ELECTRICAL ENGINEERING UNIVERSITY OF ENGINEERING AND TECHNOLOGY LAHORE-54890, PAKISTAN

Mr. Khalid Mahmood,

No.Univ./EED/0022/24 Dated:02.02.2024

Resident Engineer, NESPAK Pvt. Ltd

IEEP Building, 17-C/1, Civic Center, Faisal Town, Lahore.

Subject: Testing of Electrical Cables.

Project: Construction of Institute of Cardiology DG KHAN.

Reference Letter: No. 4161/RE/SFMKB/DGK/1116 dated: 22-01-2024.

The following cables samples were tested on 02.02.2024 in the High Voltage Engineering Laboratory. In lieu of this testing fee Rs. 64,000/- was deposited in the Habib Bank Limited, Engineering University Branch, Lahore via Bank Challan No. 10426 on 29.01.2024. The testing results are reported below:

TEST REPORT:

1- Cable Specimen: 35 mm² Four Core PVC/ XLPE Insulated Copper Conductor Cable

Make:

Mega Vision Cables

Colour:

Black 15 °C

Room Temperature: Specifications:

BS-6360, 6346, 6004, 60228

Sr. #	Test Carried Out	Units	Requirements	Results	Remarks
		A CHILD	7	7	Pass
1.	No. of Wires		Compacted	Compacted	Pass
2.	Strand Diameter	mm	21.4	25.1	Pass
3.	Overall Diameter	mm		1.3	Pass
4.	Insulation Thickness	mm	0.9		
5.	Sheath Thickness	mm	1.9	1.9	Pass
6.	D.C. Resistance at 20° C	Ω/km	0.524	0.503	Pass
7.	Insulation Resistance at 20° C	M-Ω/km	7	Above 7	Pass
	High Voltage Test at 3.5 kV fo		No Breakdow	n of Insulation	Recorded

2- Cable Specimen: 50 mm² Four Core PVC/ XLPE Insulated Copper Conductor Cable

Mega Vision Cables Make:

Black Colour:

15 °C Room Temperature:

BS-6360, 6346, 6004, 60228 Specifications:

Sr. #	Test Carried Out	Units	Requirements	Results	Remarks
1.	No. of Wires	-	19	19	Pass
2.	Strand Diameter	mm	Compacted	Compacted	Pass
3.	Overall Diameter	mm	23.3	27.2	Pass
4.	Insulation Thickness	mm	1.0	1.8	Pass
5.	Sheath Thickness	mm	2.1	2.1	Pass
6.	D.C. Resistance at 20° C	Ω/km	0.387	0.373	Pass
7.	Insulation Resistance at 20° C	M-Ω/km	5	Above 5	Pass
8.	The second secon		No Breakdov	vn of Insulation	Recorded

Page 1 of 3

Office: +92-42-99029423,

Web: www.uet.edu.pk

Email: hvoltagelab@uet.edu.pk

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UET TEST DG KHAN



23

HIGH VOLTAGE ENGINEERING LABORATORY

UNIVERSITY OF ENGINEERING AND TECHNOLOGY LAHORE-54890, PAKISTAN

3- Cable Specimen: 25 mm² Four Core PVC/ XLPE Insulated Copper Conductor Cable

Make:

Mega Vision Cables

Colour:

Black

Room Temperature:

15 °C

BS-6360, 6346, 6004, 60228

	Specifications.	17-14-	Requirements	Results	Remarks
Sr. #	Test Carried Out	Units	Requirements	7	Pass
1.	No. of Wires	-	7	Comparted	Pass
2	Strand Diameter	mm	Compacted	Compacted	
2	Overall Diameter	mm	24.5-28.5	25.2	Pass
3.	Insulation Thickness	mm	0.9	1.2	Pass
4.		mm	1.8	1.9	Pass
5.	Sheath Thickness		0.727	0,716	Pass
6.	D.C. Resistance at 20° C	Ω/km	0.727	Above 5	Pass
7.	Insulation Resistance at 20° C	M-Ω/km	3		
8	High Voltage Test at 3.5 kV for	No Breakdov	n of Insulation	Recorded	

4- Cable Specimen: 185mm² Single Core PVC/ XLPE Insulated Copper Conductor Cable

Make:

Mega Vision Cables

Colour:

Black

Room Temperature:

15 °C

BS-6360, 6346, 6004, 60228

	Specifications	Units	Requirements	Results	Remarks
Sr. #	Test Carried Out		37	37	Pass
1.	No. of Wires			2.56	Pass
2.	Strand Diameter	mm	2.52		
3.	Overall Diameter	mm	24.5	25.58	Pass
	Insulation Thickness	mm	1.6	1.6	Pass
4.		mm	1.8	1.9	Pass
5.	Sheath Thickness	Ω/km	0.0991	0.0970	Pass
6.	D.C. Resistance at 20° C		0.0771	Above 5	Pass
7.	Insulation Resistance at 20° C	M-Ω/km	3		
	High Voltage Test at 3.5 kV for 5 Minutes		No Breakdow	n of Insulation	Recorded

5- Cable Specimen: 1.5 mm² Single Core PVC Insulated Copper Conductor Cable

Make:

Mega Vision Cables

Colour:

Green

Room Temperature:

15 °C

Cassifications:

BS-6360, 6346, 6004, 60228

	Specifications.	T	Descriptor	Results	Remarks
Sr. #	Test Carried Out	Units	Requirements	Results	
1	No. of Wires	-	7	7	Pass
1.	Strand Diameter	mm	0.53	0.53	Pass
2.			2.6 - 3.3	3.3	Pass
3.	Overall Diameter	mm			Pass
4	Insulation Thickness	mm	0.7	0.8	
5.	D.C. Resistance at 20° C	Ω/km	12.1	12.0	Pass
5.		M-Ω/km	0.011	Above 0.011	Pass
6.	Insulation Resistance at 70° C		0.011	wn of Insulation	Recorded
	High Voltage Test at 2 5 kV f	for 15 Minutes	No Breakdo	wn of insulation	recorded

Page 2 of 3

Office: +92-42-99029423,

Web: www.uet.edu.pk

Email: hvoltagelab@uet.edu.g

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UET TEST DG KHAN



HIGH VOLTAGE ENGINEERING LABORATORY

DEPARTMENT OF ELECTRICAL ENGINEERING UNIVERSITY OF ENGINEERING AND TECHNOLOGY LAHORE-54890, PAKISTAN

6-Cable Specimen: 1.5 mm² 2-Core PVC/LSZH Insulated Solid Fire Alarm Copper Conductor Cable

Make:

Mega Vision Cables

Colour:

Red

Room Temperature:

15 °C

Specifications:

BS-6360, 6346, 6004, 60228

	Specifications.	T **-1	Requirements	Results	Remarks	
Sr. #	Test Carried Out	Units	Requirements	Accounts		
1.	No. of Wires	-	. 1	1	Pass	
	Strand Diameter	mm	1.35	1.43	Pass	
2.	Overall Diameter	mm	6.5-7.5	6.55	Pass	
3.			0.7	0.7	Pass	
4.	Insulation Thickness	mm			Pass	
5.	Sheath Thickness	mm	1.1	1.3		
6.	D.C. Resistance at 20° C	Ω/km	12.10	11.90	Pass	
7.	Insulation Resistance at 20° C	M-Ω/km	0.010	Above 0.010	Pass	
8.	High Voltage Test at 2.5 kV for		No Breakdown of Insulation Recorded			

Cable Specimen: 6 mm² Single Core PVC Insulated Copper Conductor Cable

Make:

Mega Vision Cables

Colour:

Yellow/ Green

Room Temperature:

15 °C

Specifications:

BS-6360, 6346, 6004, 60228

Test Carried Out	Units	Requirements	Results	Remarks
		7 300	7	Pass
The second secon	mm	1.04	1.06	Pass
	mm	4.3 - 5.2	5.0	Pass
	mm	0.80	0.90	Pass
	Ω/km	3.08	2.93	Pass
	M-Ω/km	0.007	Above 0.007	Pass
Insulation resistance at 70		No Breakdo	wn of Insulation	Recorded
	Test Carried Out No. of Wires Strand Diameter Overall Diameter Insulation Thickness D.C. Resistance at 20° C Insulation Resistance at 70° C	Test Carried Out Units	Test Carried Out Units Requirements	Test Carried Out Units Requirements Results

Remarks: The above cables samples withstood the tests satisfactorily.

Note The results are valid only for the samples tested on 02.02.2024.

Note The result Test(s) Witnessed by:

 Dr. Syed Abdul Rahman Kashif, Professor, Department of Electrical Engineering,

UET, Lahore.

Chairman

Department of Electrical Engineering

Deptt. of Elect. Enga.
University of Engineering
& Technology, Lahore

Dr. Muhammad A

Director

High Voltage Engineering Laboratory

Page 3 of 3

Office: +92-42-99029423,

Web: www.uet.edu.pk

Email: hvoltagelab@uet.edu.pk

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PURCHASE ORDERS

PURCHASE ORDER

Mega Vision Cables

Lahore , Pakistan T: 042 35222770

Supplier Name & Address:

91-E,Phase-1,Johar Town Lahore

DILIGENT ENERGY PRIVATE LIMITED

House # 595, Block J, Johar Town, Lahore T: +92 42 3531 3386 F: +92 300 8864682 info@diligentgroups.com



NTN # 7581968-8

NIN # /581968

PO # PO-6000060137/17.01.2024 Contact Person:

Cell: +92 300 8455325

Mr. Mian sikander Hayat
C.E.O.
megavisioncables@gmail.com

SR.	Order Code	Description	QTY	Unit Price	Total Price
#					PKR
		Power Cables			
1	Mega Vision Cables	Cables16 mm sq 4 core Cu PVC/PVC Std	650	2,556.00	1,661,400.00
2	Mega Vision Cables	Cables25 mm sq 4 core Cu PVC/PVC Std	465	4,012.00	1,865,580.00
3	Mega Vision Cables	Cables35 mm sq 4 core Cu PVC/PVC Std	310	5,496.00	1,703,760.00
4	Mega Vision Cables	Cables50 mm sq 4 core Cu PVC/PVC Std	245	7,454.00	1,826,230.00
5	Mega Vision Cables	Cables70 mm sq 4 core Cu PVC/PVC Std	925	10,576.00	9,782,800.00
1	Mega Vision Cables	Cables95 mm sq 4 core Cu PVC/PVC Std	135	14,775.00	1,994,625.00
2	Mega Vision Cables	Cables120 mm sq 4 core Cu PVC/PVC Std	95	18,651.00	1,771,845.00
3	Mega Vision Cables	Cables150 mm sq 4 core Cu PVC/PVC Std	75	22,890.00	1,716,750.00
	-	Total Amount (PKR)			22,322,990.00
		GST.18%			4,018,138.20
		Total Amount (PKR) with GST.			26.341.128.20

Terms and Conditions:

- All prices are firm and final in PAK Rs.
- Payment as agreed, inclusive of GST.
- Delivery as soon as possible.
- Mode of delivery Ex Rawalpandi Site.
- Warranty will be 12 months from the date of delivery.

For and on behalf of, DILIGENT ENERGY PRIVATE LIMITED

Authorized Signature

mansor Azam

PURCHASE ORDERS

PARAGON ELECTRIC COMPANY

595-J, Block, Johar Town Lahore-Punjab. Pakistan PH: 0321 4450342, 0300 8864682

e-mail: pec.engr@gmail.com



Purchase Order

PO No. PEC/CGC/0634
Dated: 27/06/2023

To,

 Attention:
 Mr. Mian Sikander Hayat(CEO)

 Company:
 MEGA VISION CABLES(PVT)LTD.

 Address:
 91-E,Phase-1,Johar Town Lahore

 email:
 megavisioncables@gmail.com

 Tele No.
 0300 8455325, 042 35222770

Tele No.	0300 8455325, 042 35222770								
	<u>FAZEEL NISAR F</u>	LOOR I	MILLS						
	PASROOR-S	SIALKO	T						
			Ī	\neg			T	Mega V	<u> 'ision cables</u>
Sr. No.	Description	Qty	Unit	Rate	Amount				
	POWER CABLES								
	Supply, Installation & Connecting up of 600/1000 volt grade								
	single /4 core PVC insulated or PVC sheathed copper conductor cables								
1	4 core 120mm2 PVC/PVC cable+2x 95mm2 single core PVC								
1	cable as PC.	225	Mtr	29,297.00	6,591,825.0				
2	4 core 95mm2 PVC/PVC cable+2x70mm2 single core PVC								
	cable as PC.	350	Mtr	22,603.00	7,911,050.0				
3	4 core 70mm2 PVC/PVC cable+2x50mm2 single core PVC								
	cable as PC.	445	Mtr	16,153.00	7,188,085.0				
4	4 core 35 mm2 PVC/PVC cable+2x25mm2 single core PVC								
	cable as PC.	670	Mtr	8,416.00	5,638,720.0				
5	4 core 25mm2 PVC/PVC cable+2x16mm2 single core PVC								
	cable as PC.	850	Mtr	5,860.00	4,981,000.0				
6	4 core 16mm2 PVC/PVC cable+2x10mm2 single core PVC								
<u> </u>	cable as PC.	1125	Mtr	3,866.00	4,349,250.0				
7	4 core 10mm2 PVC/PVC cable+2x10mm2 single core PVC								
	cable as PC.	690	Mtr	2,818.00	1,944,420.0				
			Total Rs:	-	38,604,350.00				

Terms and Conditions

- 1 Code & Standards as per previous completed by Mega Vision cables (Pvt) Ltd.
- 2 The Qty of above mention in PO maybe vary according to site requirement.
- 3 Delivery at site .

For

PARAGON ELECTRIC COMPANY.

PURCHASE ORDERS

PARAGON ELECTRIC COMPANY

595-J, Block,Johar Town Lahore-Punjab. Pakistan

PH: 0321 4450342,0300 8864682

e-mail: pec.engr@gmail.com



Purchase Order

 PO No.
 PEC/CGC/0787

 Dated:
 21/05/2024

 To,
 Mr. Mian Sikander Hayat(CEO)

 Company:
 MEGA VISION CABLES(PVT)LTD.

 Address:
 91-E,Phase-1,Johar Town Lahore

 email:
 megavisioncables@gmail.com

 Tele No.
 0300 8455325, 042 35222770

	<u>AL SADIQ CAT</u>	TLE FA	<u>RM</u>		
	<u>Chak No.62,The.Jaran</u>	walla,D	is.Fasilabo	ad .	
		Mega V	<u>/ision cables</u>		
Sr. No.	Description	Qty	Unit	Rate	Amount
	CIRCUIT POINT WIRING				
1	10mm2 (7/0.052") (L+N) single core insulated DC Cables for				
	Solar System(Flixibal cables)Red1+Black1	6	Coiles	46,385.00	278,310.00
2	10mm2 (7/0.052") (L+N) single core insulated insulated				
	300/500 voltgrade cables Red+Black	12	Coiles	37,678.00	452,136.00
3	10mm2 (7/0.052") (E)standared single core insulated Cables			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,
	Green	9	Coiles	37,678.00	339,102.00
4	6mm2 (7/0.036") (L+N) standared single core insulated				
	300/500 voltgrade cables (Red+Black)	45	Coiles	21,675.00	975,375.00
5	4mm2 (7/0.036") (L+N) standared single core insulated				
	300/500 voltgrade cables (Red+Black)	75	Coiles	14,772.00	1,107,900.00
6	2.5mm2 (7/0.029") (L+N) standared single core insulated				
	300/500 voltgrade cables (Red +Black)	150	Coiles	11,395.00	1,709,250.00
7	1.5mm2 (3/0.029") (L +N) standared single core insulated	150	cones	11,555.00	1,703,230.00
,	300/500 voltgrade cables (Red +Black)				
	, , ,	425	Coiles	6,246.00	2,654,550.00
8	1mm2 (1/0.044") (E) standared single core insulated				
	300/500 voltgrade cables (Green)	145	Coiles	3,932.00	570,140.00
9	RG-7 cable Coxial for MATV	6	Coiles	14,795.00	88,770.00
	POWER CABLES				
1	Supply, Installation & Connecting up of 600/1000 volt grade				
	single /4 core PVC insulated or PVC sheathed copper				
	conductor cables				
i)	4 core 16mm2 PVC/PVC cable+2x10mm2 single core PVC				
	cable as PC.	350	Mtr	3,330.00	1,165,500.0
ii)	4 core 25mm2 PVC/PVC cable+2x16mm2 single core PVC				
	cable as PC.	245	Mtr	5,220.00	1,278,900.00
iii)	4 core 10mm2 PVC/PVC cable+2x10mm2 single core PVC				
	cable as PC.	445	Mtr	2,265.00	1,007,925.00
			Total Rs:	-	11,627,858.00

Terms and Conditions

- 1 Code & Standards as per previous completed by Mega Vision cables (Pvt) Ltd.
- 2 The Qty of above mention in PO maybe vary according to site requirement.
- 3 Delivery at site .

For

PARAGON ELECTRIC COMPANY.



ZAHIR KHAN & BROTHERS

ENGINEERS & CONSTRUCTORS

PURCHASE ORDER

	PO No.	ZKB/PO-E/DGK/1524
	Date	25-0ct-2023
-		

VENDOR	BETHERE IN THE PROPERTY OF
MEGA VIS	ION Cables (Pvt) Ltd
Head Offic	e: 91-E , Phase 1
Johar Tow	n Lahore
Pakistan	
Contact . M	lian Sikandar Hayat +92 300 8455325

SHIP TO	
Zahir Khan & Brothers	
Dera Ghazi Khan Institu	te of Cardiology
Site Camp, Pyarai Pull, (Old Sabzi Mandi
Dera Ghazi Khan.	
Contact Person: Mr. Riz	wan 0343-6110536

Sr#	Description	Amount (Rs)
a)	Cables Total amount Exclusive of GST (Plz Ref Annex-A)	24,566,500
b)	18 % GST on Taxable Value	4,421,970
Tota	al Value Inclusive of GST	28,988,470

Terms & Condition:

- 1. Rates are ex-factory & inclusive of all taxes.
- $2. \quad Approval \ from \ client \ and \ Consultant \ is \ the \ resposibility \ of \ Supplier$
- 3. All items supplied should be in compliance with Technical Specifications
- 4. FAT should be done after production of cables and before delivery at site, any non compliance will be the reposibility of vendor
- 5. Warranty Period: 25 Years
- 6. Delivery: Two Weeks
- 7. Payment terms: 60 PDC after delivery
- 8. 99.99% pure copper with 100% conductivity shall be used
- GST Invoice shall be provided in the name of Zahir Khan & Brother, and all payment shall be subject to deduction of
 income tax if the supplier does not provide exemption certificate on payment date.

For and on behalf of **Zahir Khan & Brothers**

And the

General Manager

Islamabad Office
Office no. 9-10, Ground Floor
Evacuee Trust Complex, F-5 Islamabad
Tell: +92 51 111111952

Lahore Office House No. 18K/2 Model Town, Lahore Tell: + 92 42 32213145

					PO No.	ZKB/PO- E/DGK/1524 25-Oct-2023
Sr No.	Description	Colour	UO M	Qty	Rate	Amount (Rs)
	Earthing Cables					
THE REAL PROPERTY.	1 Core - Cu./Pvc Cable (450/700V)	A TANK OF STANLAGE	+			
1	1 Core - 16 Sq.Mm Cu./Pvc	Green/Yellow	Mtr	2,821	436	1,230,903
2	1 Core - 25 Sq.Mm Cu./Pvc	Green/Yellow	Mtr	1,515	640	969,73
3	1 Core - 35 Sq.Mm Cu./Pvc	Green/Yellow	Mtr	294	883	259,48
4	1 Core - 95 Sq.Mm Cu./Pvc	Green/Yellow	Mtr	588	2,383	1,401,46
5	1 Core - 6 Sq.Mm Cu./Pvc	Green/Yellow	Mtr	4,741	165	782,23
6	1 Core - 70 Sq.Mm Cu./Pvc	Green/Yellow	Mtr	567	1,720	974,95
7	1 Core - 50 Sq.Mm Cu./Pvc	Green/Yellow	Mtr	412	1,195	492,21
	Fire Resistance Cable		++			
1	1 x 1.5mm sq Cu.LSZH Std. 450/750 V	11/2/2019 19:24:12:25	Mtr	7,336	44	323,522.93
	Stranded Bare Copper Conductors	96 (714, 9, 6) 716				
1	95 Sq.Mm Bare Copper Conductor	CAL SCHOOL STATE	Mtr	1,068	2,344	2,503,574
	C. (3) (2) (3)			2,000	2,011	2,505,57
4	Cu./Xlpe/Pvc Cable (600/1000V)	THE PERSON NAMED IN			77- 17.	
1	1 X 16Mm Sq Cu.Xlpe/Pvc Std. 600/1000 V	Red	Mtr	301	423	127,44
2	1 X 16Mm Sq Cu.Xlpe/Pvc Std. 600/1000 V	Black	Mtr	301	423	127,44
3	1 X 6Mm Sq Cu.Pvc Std. 450/750 V (Red)	Red	Mtr	4,741	165	782,27
5	1 X 6Mm Sq Cu.Pvc Std. 450/750 V	Black	Mtr	1,220	165	201,30
6	4 X 16Mm Sq Cu.Pvc/Pvc Std. 600/1000 V	Black	Mtr	2,302	1,739	4,002,62
7	4 X 25Mm Sq Cu.Xlpe/Pvc Std. 600/1000 V	Black	Mtr	336	2,661	894,24
8	4 X 35Mm Sq Cu.Xlpe/Pvc Std. 600/1000 V 4 X 50Mm Sq Cu.Xlpe/Pvc Std. 600/1000 V	Black	Mtr	656	3,655	2,397,76
9	4 X 70Mm Sq Cu.Xlpe/Pvc Std. 600/1000 V	Black	Mtr	168	4,929	828,11
10	1 X 185Mm Sq Cu.Xlpe/Pvc Std. 600/1000 V	Black	Mtr	147	7,099	1,043,57
11	4 X 6Mm Sq Cu.Pvc/Pvc Std. 600/1000 V	Black Black	Mtr	915	4,676	4,278,12
11	1 X Oldin 3q Ca.1 VC/1 VC Sta. 000/1000 V	Віаск	Mtr	122	696	84,91
Lake.	Wiring Cables (In Coil)					
1	1 X 6Mm Sq Cu.Pvc Std. 450/750 V (Red)	Red	Mtr	260	165	=====
	1 X 6Mm Sq Cu.Pvc Std. 450/750 V (Yellow)	Yellow	Mtr	360	165	59,39
	1 X 6Mm Sq Cu.Pvc Std. 450/750 V (Blue)	Blue	Mtr	360 360	165	59,40
	1 X 6Mm Sq Cu.Pvc Std. 450/750 V	Black	Mtr	450	165	59,40
	1 X 6Mm Sq Cu.Pvc Std. 450/750 V (G/Y)	Green/ Yellow	Mtr	450	165 165	74,25
	1 X 4Mm Sq Cu.Pvc Std. 450/750 V (Red)	Red	Mtr	810	112	74,25
	1 X 4Mm Sq Cu.Pvc Std. 450/750 V (Yellow)	Yellow	Mtr	810	112	91,09
	1 X 4Mm Sq Cu.Pvc Std. 450/750 V (Blue)	Blue	Mtr	810	112	91,09
9	1 X 4Mm Sq Cu.Pvc Std. 450/750 V	Black	Mtr	900	112	101,21
	1 X 4Mm Sq Cu.Pvc Std. 450/750 V (G/Y)	Green/Yellow	Mtr	900	112	101,21
7 1 3 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	Control Cables	Total American	e believe to	W- W-	China Park	Activities to the real
1	1 x 2.5mm sq Cu.PVC Flexible 450/750 V (RED)	Red	Mtr	500	116	58,14
	Total	Control philipping charles in the	ng kamala	nic vini	(村) 新中	property designation
	Iotai					24,566,50



PURCHASE ORDER

Head Office: Office No G-14, Al hafeez Suits, 69 BI, Gulberg III, Lahore

Factory: 17-KM, Main Frozepure road, Lahore.
Phone:[+92 4235772086, 042-37008333-555)
Mob: {03024005049, 03214466011}
Email: techcarepk@hotmail.com

DATE:	29-Jan-24
Ref#	TECH-PO43-FLOW-031
Quotation #	MEGA-TC-013
NTN	6727238-2

VENDOR

Mega Vision Cables

Turkey road, Ruda Industrial Zone,

Lahore, Pakista

Kind Atten: Respected Mr Mina Sikander Hayat (Chief Executive)

Project : FPPL Bulk Oil Termnial Kohat.

Location: Bulk Oil Terminal Khushal Garh Kohat.

SHIP TO

FLOW PETROLEUM PVT LTD

BULK OIL TERMINAL

Contact Person Hafiz Kamran

Contact # 3024005049

ITEM#	DESCRIPTION	Unit	QTY	UNIT PRICE	TOTAL
1	185MM SQ S/C CU/PVC/PVC 600/1000V (BLACK)	Meter	100	6,200.00	620,000
2	120MM SQ 3/C CU/PVC/PVC 600/1000 V (BLACK)	Meter	116	10,350.00	1,200,600
3	25MM SQ 3/C CU/PVC/PVC 600/1000 V (BLACK)	Meter	300	2,550.00	765,000
4	6.0MM SQ 4/C CU/PVC/PVC 300/500 V (BLACK)	Meter	850	745.00	633,250
5	4.0MM SQ 4/C CU/PVC/PVC 300/500 V (BLACK)	Meter	100	525.00	52,500
6	4.0MM SQ 3/C CU/PVC/PVC 300/500 V (BLACK)	Meter	600	413.00	247,800
7	2.5MM SQ 4/C CU/PVC/PVC FLEX 300/500 V (GRAY)	Meter	1600	559.00	894,400
8	50MM SQ S/C CU/PVC/INS 450/750V (GREEN-YELLOW)	Meter	225	1,560.00	351,000
9	25MM SQ S/C CU/PVC/INS 450/750 V (GREEN-YELLOW)	Meter	500	1,170.00	585,000
10	16MM SQ S/C CU/PVC/INS 450/750 V (GREEN-YELLOW)	Meter	1100	988.00	1,086,800
11	6.0MM SQ S/C CU/PVC/INS 450/750 V (GREEN)	Meter	750	756.00	567,000
12	3/0.029" Red	Coil	30	3,749.66	112,490
13	3/0.029" Black	Coil	30	3,749.66	112,490
14	3/0.029" Blue	Coil	15	3,749.66	56,245
15	3/0.029" White	Coil	15	3,749.66	56,245
16	lmm Green	Coil	10	2,784.57	27,846
17	7/0.029" Red	Coil	10	8,265.71	82,657

TECH-P043-FLOW-0313 Confidential Page 1



PURCHASE ORDER

Head Office: Office No G-14, Al hafeez Suits, 69 BI, Gulberg III, Lahore

Factory: 17-KM, Main Frozepure road, Lahore. Phone:[+92 4235772086, 042-37008333-555) Mob: {03024005049, 03214466011}

DATE:	29-Jan-24	
Ref#	TECH-PO43-FLOW-031	
Quotation #	MEGA-TC-013	
NTN	6727238-2	

VENDOR

Mega Vision Cables

Turkey road, Ruda Industrial Zone,

Email: techcarepk@hotmail.com

Lahore, Pakistan

Kind Atten: Respected Mr Mina Sikander Hayat (Chief Executive)

Project : FPPL Bulk Oil Termnial Kohat.

Location: Bulk Oil Terminal Khushal Garh Kohat.

FLOW PETROLEUM PVT LTD

BULK OIL TERMINAL

KOHAT

Contact Person

Contact #

Hafiz Kamran 3024005049

ITEM#	DESCRIPTION	Unit	QTY	UNIT PRICE	TOTAL
18	7/0.029" Black	Coil	10	8,265.71	82,657
19	7/0.036" Red	Coil	5	15,790.58	78,953
20	7/0.036" Black	Coil	5	15,790.58	78,953
21	7/0.044" Red	Coil	6	21,302.94	127,818
22	7/0.044" Black	Coil	6	21,302.94	127,818
			TOTAL	AMOUNT RS:-	7,947,520
			AD	D 18% GST RS:-	1,430,554
		TOTAL AMOUNT	INCLUSIVE OF	ALL TAXES RS:-	9,378,074

Terms & Conditions, Other Comments or Special Instructions:

- 1. Payment terms: 50% Advance with Purchase order, balance on delivery.
- 2. All taxes as applicable will be charged and proper Tax invoice needs to be issued by the Seller.
- 3. Delay in delivery is subjected to penalty, maximum penalty will be up to 10% of the order value.
- Delivery Time 10-15 Days from date of Purchase order.
- All material should be as per O.E.M and European Standards.
- 6. Technology Care reserves the rights to cancel your purchase order without assigning any reason.
- Supplier has to provide Material Test Certificates of all cables.
- 8. Verdict of our Engineer regarding job quality shall be final and binding on you.
- Any damage/defect during transportation shall be on yours account.

10. Supplier will be responsible for testing and commissioning of all supplied material, Also provide free technical support.

Authorized by Engr Hafiz Kamran Date 29-1-24 04:30PM

This is a computer generated document and does not require any signature.

If you have any questions about this document, please contact (Engr Hafiz Kamran), Phone: +92 03024005049,

TECH-P043-FLOW-0313 Confidential Page 2





Ref: DM(E)/05/24/6.25

May 2024

APPROVAL CERTIFICATE

<u>M/s Mega Vision Cables</u> 91-E, Phase-1, Johar Town, Lahore is hereby registered in PDS&CEA for all type of wire and electric cables are hereby standardized subject to observance of the following:

- The manufacturer will provide the product delivery details supplied to the contractor / authorized dealers to the office of General Manager Engineering/Deputy Manager to Engineering on quarterly basis.
- The manufacture's authorized dealers will be bound to issue sale tax invoice for each consignment supplied to the contractor with the name of purchaser and name of work
- 3. The firm will be bound to provide test reports (along with other documents) of the product supplied for each delivery to the contractors with a direct copy thereof to the PDS&CEA.
- Each product will bear the engraved stamp of the manufacture with classifications, identification
 code as per international standard specifications.
- The firm will be 100% responsible for the quality of product supplied to the contractor.
 Unsatisfactory performance and below specification product supplied to contractors will result in legal action, rejection of material supplied and black listing of the firm.
- 6. In case, the above conditions are not fulfilled, the supply will be rejected.
- 7. This standardization is valid up to Dec. 2026 subject to re-evaluation by PDS&CEA at any time.
- This registration is subjected to quality management certificate for ISO-9001:2015 from authorized recognized certificate organization.
- 9. The NTN No. of the firm is B520845.

Engr. Abdul Majid Deputy Manager (Engg)

CC

1. Office copy.

PUNJAB DAANISH SCHOOLS & CENTRES OF EXCELLENCE AUTHORITY - GOVERNMENT OF PUNJAB Japanes Cell Building, Research Station, Near Punjab University New Campus, Canal Bank, Lahore.

Ph#: 92-42-99231737-40 | Fax#: +92-42-99231739 | Email: pdscea@daanishschools.edu.pk | Website: www.daanishschools.edu.pk

Scanned with CamScanner

III	ESTABLISHMENT OF MUHAMMAD KHAN BL CARDIOLOGY	D.G KHAN
	LETTER OF SU	BMITTAL
Project: SFM	IKBIC DG KHAN	Letter No: FALD D E 4 - D
From: Projec	ct Manager M/s ZXB	Date: 31-Oct-2023
To: Reside	ent Engineer [NESPAK-TURKPAK J.V]	
Subject: Angraya	of LV & Power Cables	
Attachments: Letter Product Data	CI Samples	Submittal Ref: BOCI Ref: 1 [a+to xiv, b+to xv, c+to xiii] Specs Ref: Manofacture List Ref: Dog Ref:
Description:	Approval of LV & Power Cable	
Manufacturer Detail	s: MEGA Vision Cables	
Address	91 E, Phase-1 Johar Town Laho	
	91 t, Phase-1 Johan Town Land	re X + L
Telephone Details:	0300-8455325	Jant
Resident Engineer's The opening (ts TO I Dep off- Architect's/Designer	0300-8455325 The contraction initial Comments: 152000 * 1704 thing FAT prospection will be a Comment of the contraction of th	Submitted by: or in proposed affirmation could be tenductive affic of brood force of Resident Engineer: ONEX-A) Manager-Electrical
Resident Engineer's The opening (ts TO I Dep off- Architect's/Designer	0300-8455325 The contraction initial Comment: 1-24010! " 1774 Free personal appropriate and appropriate for the personal appropria	Submitted by: Submit
Resident Engineer's The adpost y les TO LOWP off Architect's/Designer Please see attac	0300-8455325 The contraction initial Comment: 1-24010! " 1774 Free personal appropriate and appropriate for the personal appropria	Submitted By: Or 103 proposed allernars of conditions of proposed allernars of conditions of condit

ANNEX-A

In accordance with the submitted LT cable submittal is reviewed and only following cable sizes are approved for the further processing. In accordance with the cable technical data sheet.

Single Core Cable:

- (185, 95, 70, 50, 35, 25, 16, 10, 6, 4 & 2.5) Sqmm Cu. XLPE/PVC
- (50, 35, 25, 16, 10, 6, 4 & 2.5) Sqmm Cu./PVC

Four Core Cable:

- (70, 50, 35, 25, & 16) Sqmm Cu. XLPE/PVC
- (16 & 6) Sqmm Cu./PVC/PVC

Furthermore, SAT will be conducted in the supervision of site team.



CS CamScanner

NAWAZ SHARIF INSTITUTE OF CARDIOLOGY. LOAM ELECTRICAL SARGODHA 15/5/29

Sr.No.	Equipment	Manufacturer
		Validus Engineering
1		Pak Elektron Limited (PEL)
	Oil FilledTransformer	Elmetec Limited
		Or Equivalent
		Pakistan Cables
		Newage Cables
	MV Cables, LV Cables & Wires/Earthing Cables	Fast Cables
		MagaVision Cable
2		
		GM Cables
		Coppergat Cables
		Or Equivalent
		Pak Elektron Limited (PEL)
		Elmetec
		Volamp
		ABB
3	MV Switchgear	Siemens
		Schneider Electric
		Green T&D
		Or Equivalent
		Pak Elektron Limited (PEL)
		Elmetec
		Volamp
4	LV Switchgear, PFI Panels & Synch Panels	ABB
7		Green T&D
		Schneider Electric
		Or Equivalent
		Schneider Electric
		Siemens
	Ring Main Unit (RMU)	ABB
5		GE
		PEL
		Elmetec
		Or Equivalent
		Schneider Electric
		Terasaki
		Siemens
6	LV Circuit Breakers	
-	LT director and is	ABB
		Legrand
		Or Equivalent
		Nokian
		Circutor
7	Power Factor Controllers	Schneider
		Or Equivalent
		ABB
		Circutor
8	Current / Voltage Transformers	Schneider
"	Current/ voltage transformers	Revalco
		Siemens
		Or Equivalent
		Schneider
		ABB
	Magnetic Contactors / Overload Relays	Siemens
9	iviagnetic contactors / Overload Kelays	Terasaki
		Or Equivalent
		ABB
		Lovato
10		Schneider
10	Energy Analyzer	Janitza
		Siemens
1		Or Equivalent
		Raychem
		Hubbell / Hawke
1		Hensel
3 .	Cable Lugs/Termination Kits / Splicing kits/ Glands/ Terminal and	Tyco
11	Accessories	
	Accessories	
	I .	3M
		Or Equivalent

(DAP)



5 E /1, Commercial Gulberg III, Lahore, 54660 - Pakistan, Tel: 92-42-35711684-5, Fax: 92-42-35711687 Email; zasa_arch@yahoo.com

Ref: No.ZASA-MVC-2024/10 Dated January 09, 2024. Zaheer Alam Shelkh, M.Arch. University of Manitoba (Canada) F.I.A.P., M.R.A.I.C., M.A.A.A. (Canada)

Consultants in: Hospitals, Educational Buildings, Housing, Industries, Civic Design & Interiors.

To, Mega Vision Cables 91-E, Phase-1 Johar Town Lahore.

Attn: Mian Skindar Hayyat (Chief Executive

Subject:- TO WHOM IT MAY CONCERN (BRAND APPROVAL

It is certified that M/s Mega Vision Cables are manufacturing quality cables as per British Standard.

They are approved cable manufacturer of following products for all projects.

- GENERAL WIRING AND POWER CABLES ALL SIZES
- ALL SIZES BARE COPPER CONDUCTOR
- ALL SIZES ALUMINIUM CONDUCTOR CABLES

We expect M/s Mega Vision Cables shall maintain assurance product.

Best regards for Zaheer A. Sheikh & Associates

Ar. Zaheer Alam Sheikh Chief Executive



TO WHOME IT MAY CONCERN

It is certified, that Synchrotech Consultants Lahore recommend the use of MEGA VISION Cables 91 E Phase 1 Johar Town Lahore Pakistan . We have had the cable tested and used on our projects and found it to meet standard requirements.

Quality cables manufactured by M/S MEGA VISION are General wiring ,Power cables , Aluminium Cables , Earthing Conductors , Control and Flexible cables .

We have found their cable to meet international standards, and hope that they will continue the good work and assure best quality of their product.



Synchrotech Consultants.





Our Ref.: IEC-AL-LVC 2402-010

Dated: 01-02-2024

Attn.: Mr. Mian Sikandar Hayat

C.E.O

M/s: MEGA VISION CABLES,

91-E, Phase-1 Johar Town,

Lahore.

Sub.: Brand Approval Certificate

It is to certify that M/s MEGA VISION CABLES are manufacturing quality LV Cables as per BS Standards and they are our approved cable manufacturer for GENERAL WIRING, POWER CABLES, ALUMINIUM CABLES & CONDUCTOR, EARTHING CONDUCTORS, CONTROL & FLEXIBLE CABLES for our projects.

We found good quality results in their cables according to the international standards and we expect that M/s MEGA VISION CABLES shall maintain their good quality of production in future as well.

CTO

INCOTEL ENGINEERING SERVICES

INCOTEL ENGINEERING SERVICES

Office No. 119, First Floor, Divine Mega II, New Airport Road, Lahore-54792. Pakistan.
Tel: +92 42 35700195 Fax: +92 42 35700196 E-mail: info@incotel.com.pk URL: www.incotel.com.pk

OUR CERTIFICATION





GET IN TOUCH WITH US

+92 42 352 22 770

megavisioncables@gmail.com
www.megavisioncables.com
91-E, Phase 1, Johar Town, Lahore, Pakistan
MEGA VITAL Industries RUDA Industrial Zone Turkey Road Lahore