

DISTRIBUTION CABLE (ROUND)

CONFORMING INTERNATIONAL SPECIFICATIONS AND STANDARDS

APPLICATION AND KEY FEATURES

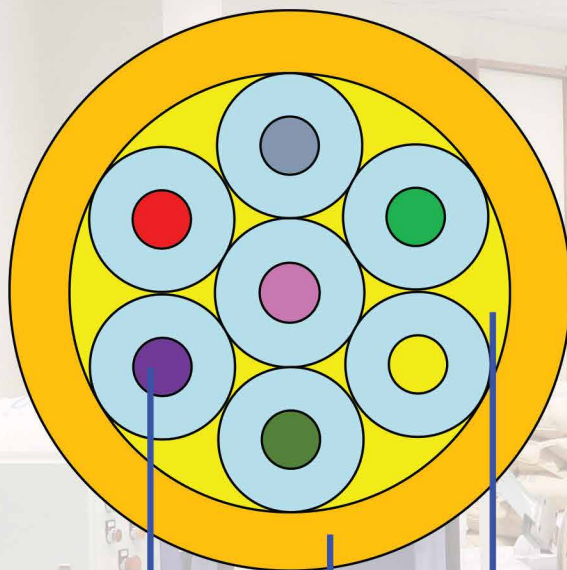
CONSTRUCTION: TIGHT BUFFERED FIBER

APPLICATIONS: INDOOR, PIGTAILS, PATCH CORDS, OPTICAL EQUIPMENT, FLOOR CONNECTIONS

FIBER COUNT: UPTO 24

FIBER TYPE: G.652.D & G.657

PHYSICAL PROPERTIES: HIGH STRENGTH, SOFT, LIGHT WEIGHT



**Tight Buffered
Optical Fiber**

**Outer
Sheath**

**Layer of
Aramid Yarn**

KEY SPECIFICATIONS FOR DISTRIBUTION CABLE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps/ $\sqrt{\text{km}}$
3	Tensile Strength	Operating	140	N
		Installation	450	N
4	Crush Strength	Operating	180	N
		Installation	800	N
5	Operating Temperature Range		-10 TO +70	$^{\circ}\text{C}$

For detailed specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.





PRODUCT PORTFOLIO OF COPPER TELEPHONE CABLES

ALL TELECOMMUNICATION CABLES ARE MANUFACTURED ACCORDING TO THE LATEST SPECIFICATIONS OF PAKISTAN TELECOMMUNICATION CO. LIMITED, ISLAMABAD

1- UNDERGROUND TELEPHONE CABLE (PE-JF-LAP-ARMOURED)

THIS CABLE IS USUALLY USED FOR DISTRIBUTION IN EXCHANGE AREA FOR DIRECT BURIAL INSTALLATION, I.E. BETWEEN THE CROSS CONNECTION CABINET/CABLE AND DISTRIBUTION POINT, WHERE INCREASE MECHANICAL STRENGTH IS REQUIRED.

2- SELF SUPPORTING AERIAL CABLE (PE-LAP-SS)

THIS CABLE IS USED FOR JUNCTION NETWORK IN EXCHANGE AREA FOR AERIAL INSTALLATION.

3- DROP WIRE

THIS WIRE IS USED AS OVERHEAD DISTRIBUTION TO SUBSCRIBER OUTLETS OF A TELEPHONE SYSTEM.

4- TWISTER PAIR DROPWIRE

DESIGNED FOR EXTENSION OF THE BROADBAND SERVICE TO FARTHER DISTANCE OF THE LAST MILE THAN THE CONVENTIONAL DROP WIRE.

5- JUMPER WIRE

THIS WIRE IS USED FOR INTERNAL CONNECTION OF EXCHANGES SPECIALLY IN MDF AND CROSS CONNECT CABINETS.

6- TERMINATING CABLES / INTERCOM CABLES.

7- PVC HOUSE WIRING CABLES.

8- FIELD TELEPHONE CABLES

9- CO-AXIAL CABLES.

A) RG-SERIES, CO-AXIAL CABLES.

B) COMPUTER CABLES.

10- ELECTRICAL APPLIANCES CABLES

U.L. STYLE OR ANY INTERNATIONAL SPECIFICATION FOR T.V, A/C,
REFRIGERATORS ETC.

11- AUTOMOTIVE WIRES

LIGHT AND DISTRIBUTION CABLES.



SOLID POLYETHYLENE UNDERGROUND CABLE

APPLICATION AND KEY FEATURES

1- APPLICATIONS:

THIS CABLE IS USUALLY USED FOR DISTRIBUTION IN EXCHANGE AREA FOR DIRECT BURIAL INSTALLATION WHERE INCREASED MECHANICAL STRENGTH IS REQUIRED. THIS CABLE IS GENERALLY BASED ON SPECIFICATION REA PE-39 AND AS PER LATEST SPECIFICATIONS OF PAKISTAN TELECOMMUNICATION COMPANY LTD.

2- CONSTRUCTION

A- CONDUCTOR

SOLID ANNEALED COPPER, THE CONDUCTOR SIZES ARE 0.4, 0.5, 0.6 AND 0.9 mm.

B- INSULATION

COLORS HIGH MOLECULAR WEIGHT SOLID HIGH-DENSITY POLYETHYLENE.

C- COLOR CODING

CABLE ARE FULLY COLOR CODED IN ACCORDANCE WITH PIC EVEN COUNT COLOR CODE.

D- TWINING/PAIRING

TWO COLORED INSULATED CONDUCTORS ARE UNIFORMLY TWISTED TOGETHER TO FORM A PAIR, VARYING LAY LENGTH IS DESIGNED TO MINIMIZE THE CROSS TALK AND CAPACITANCE UNBALANCE.



E- STRANDING/CABLING

TWISTED PAIRS ARE ASSEMBLED INTO UNIT OF 25 PAIRS, WHEN DESIRED FOR LAY-UP REASON, THE UNITS ARE DIVIDED INTO TWO OR MORE SUB-UNITS, WHICH ARE BIND WITH DURABLY COLORED POLYETHYLENE TAPES TO FORM A COMPACT AND CIRCULAR CABLE.

F- FILLING COMPOUND

THE WATER RESISTANT FILLING COMPOUND IS APPLIED TO THE AIR SPACE WITHIN THE CABLE CORE.

G- CORE COVERING

A NON-HYGROSCOPIC AND DIELECTRIC POLYESTER TAPE AND WATER BLOCKING TAPE ARE APPLIED HELICALLY HAVING A SUITABLE OVERLAP.

H- FLOODING COMPOUND

SUFFICIENT FLOODING COMPOUND IS APPLIED BETWEEN THE CORE WRAP AND SHIELD.

I- MOISTURE BARRIER & INNER SHEATH

AN ALUMINIUM TAPE WITH CO-POLYMER COATING IS APPLIED OVER THE CABLE CORE AND THEN SHEATHED WITH BLACK POLYETHYLENE COMPOUND.

J- ARMOR (OPTIONAL)

A SINGLE PLASTIC COATED OR TIN COATED STEEL CORRUGATED ARMOR IS APPLIED LONGITUDINALLY DIRECTLY OVER THE INNER SHEATH WITH SUITABLE FLOODING COMPOUND.

K- IDENTIFICATION

A PLASTIC TAPE, DURABLY MARKED WITH THE MANUFACTURERS NAME, YEAR OF MANUFACTURE AND CABLE SIZE, IF REQUIRED, IS PLACED UNDER THE CORE COVERING. ALTERNATIVELY, THESE DETAILS MAY BE PRINTED ON THE OUTER JACKET OF CABLE.

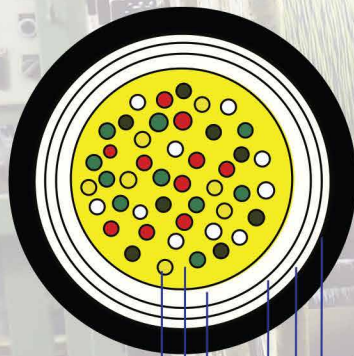
L- JACKET

BLACK HIGH MOLECULAR WEIGHT LOW-DENSITY POLYETHYLENE COMPOUND.



CABLE SOLID POLYETHYLENE INSULATED UNIT TWIN JELLY FILLED

Color Scheme for 25 Pair Units



Conductor
Solid P.E Insulated Conductor
Filling Compound
Water Resistant Compound

Core Wrapping
Non-hygroscopic Dielectric Tape

Jacket Black
PE Compound

Shield (Plastic Coated
Aluminum Tape)

Water Blocking
Swellable Tape

25 Pair Units
Identification
for Cable
upto 600 Pair

	Tip Color
1	
2	
3	
4	
5	
6	Red
7	Red
8	Red
9	Red
10	Red
11	Black
12	Black
13	Black

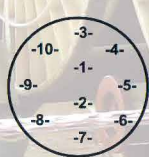
	Ring Color
	Blue
	Orange
	Green
	Brown
	Grey
	Blue
	Orange
	Green
	Brown
	Grey
	Blue
	Orange
	Green

	Tip Color
14	Black
15	Black
16	Yellow
17	Yellow
18	Yellow
19	Yellow
20	Yellow
21	Purple
22	Purple
23	Purple
24	Purple
25	Purple

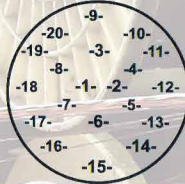
	Ring Color
	Brown
	Grey
	Blue
	Orange
	Green
	Brown
	Grey
	Blue
	Orange
	Green
	Brown
	Grey
	Blue
	Orange

25 Pair Unit Number	Unit Pair Count	Color of Unit Identification Tape		25 Pair Unit Number	Unit Pair Count	Color of Unit Identification Tape	
1	1-25		Blue	13	301-325	Black	Green
2	26-50		Orange	14	326-350	Black	Brown
3	51-75		Green	15	351-375	Black	Grey
4	76-100		Brown	16	376-400	Yellow	Blue
5	101-125		Grey	17	401-425	Yellow	Orange
6	126-150	Red	Blue	18	426-450	Yellow	Green
7	151-175	Red	Orange	19	451-475	Yellow	Brown
8	176-200	Red	Green	20	476-500	Yellow	Grey
9	201-225	Red	Brown	21	501-525	Purple	Blue
10	226-250	Red	Grey	22	526-550	Purple	Orange
11	251-275	Black	Blue	23	551-575	Purple	Green
12	276-300	Black	Orange	24	576-600	Purple	Brown

CABLE FORMATION



10 PAIRS



20 PAIRS

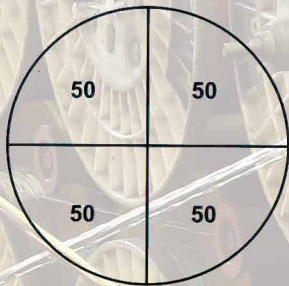


50 PAIRS

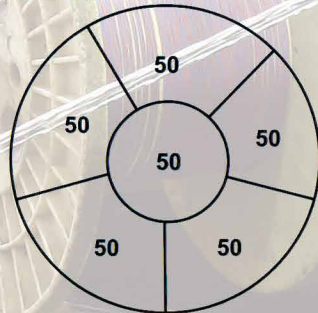


100 PAIRS

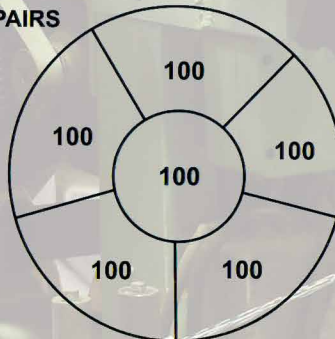
200 PAIRS



300 PAIRS



600 PAIRS



These Lay ups are not requirements but as illustration only.



SOLID POLYETHYLENE SELF SUPPORTING AERIAL CABLE

APPLICATION AND KEY FEATURES

1- APPLICATIONS:

THIS CABLE IS USED FOR JUNCTION NETWORK IN EXCHANGE AREA FOR AERIAL INSTALLATION. THIS CABLE IS GENERALLY BASED ON SPECIFICATION REA PE-22 AND AS PER LATEST SPECIFICATIONS OF PAKISTAN TELECOMMUNICATION COMPANY LIMITED, ISLAMABAD, IT IS THE BEST SOLUTION TO OVERCOME RIGHT OF WAY (ROW) ISSUES.

2- CONSTRUCTION

A- CONDUCTOR

SOLID ANNEALED COPPER, THE CONDUCTOR SIZES ARE 0.5, 0.6 AND 0.9 mm.

B- INSULATION

COLORS HIGH MOLECULAR WEIGHT SOLID HIGH-DENSITY POLYETHYLENE.

C- COLOR CODING

CABLE ARE FULLY COLOR CODED IN ACCORDANCE WITH PIC EVEN COUNT COLOR CODE.

D- TWINING /PAIRING

TWO COLORED INSULATED CONDUCTORS ARE UNIFORMLY TWISTED TOGETHER TO FORM A PAIR. THE TWIST LENGTH BEING SPECIALLY DESIGNED TO MINIMIZE THE CROSS TALK AND CAPACITANCE UNBALANCE.

E- STRANDING/CABLING

TWISTED PAIRS ARE ASSEMBLED TO FORM A SUBSTANTIALLY CYLINDRICAL GROUP OF 25 PAIRS CALLED UNIT. WHEN DESIRED FOR LAY-UP REASON, THE UNITS ARE DIVIDED INTO TWO OR MORE SUB-UNITS, WHICH ARE BIND WITH DURABLY COLORED POLYETHYLENE TAPES AND CABLED TO COMPLETE CABLE CORE.

F- CORE COVERING

A NON-HYGROSCOPIC AND DIELECTRIC POLYESTER TAPE IS APPLIED LONGITUDINALLY OR HELICALLY HAVING A SUITABLE OVERLAP.

G- SHIELD

ELECTRICALLY CONTINUOUS, ALUMINUM TAPE IS APPLIED LONGITUDINALLY WITH AN OVERLAP. TAPE IS COATED BOTH SIDES WITH A CO-POLYMER P.E. PROVIDING CORROSION RESISTANCE AND A COMPLETE / FIRM BOND TO THE JACKET INHIBITING THE ENTRANCE OF MOISTURE INTO THE CABLE CORE.

H- SUSPENSION STRAND

EXTRA HIGH STRENGTH GRADE AND GALVANIZED STEEL STRANDED WIRE USE AS A SUPPORT STRAND.

I- IDENTIFICATION

A PLASTIC TAPE, DURABLY MARKED WITH THE MANUFACTURERS NAME, YEAR OF MANUFACTURE AND CABLE SIZE, IF REQUIRED, IS PLACED UNDER THE CORE COVERING. ALTERNATIVELY, THESE DETAILS MAY BE PRINTED ON THE OUTER JACKET OF CABLE.

J- JACKET

BLACK HIGH MOLECULAR WEIGHT LOW-DENSITY POLYETHYLENE COMPOUND.



CROSS SECTION

Colour Scheme for 25 pair units

	Tip Color
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	

	Ring Color

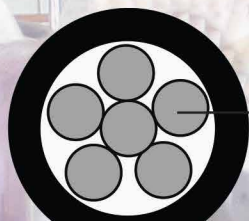
	Tip Color
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

	Ring Color

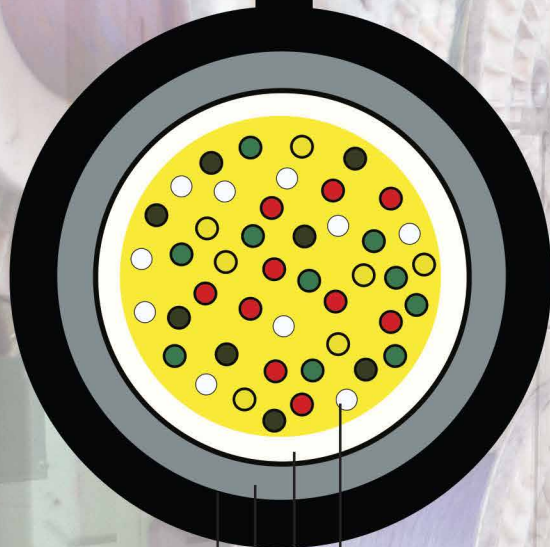
25 pair units
Identification
for cable
upto 300 pairs



25 Pair Unit Number	Unit Pair Count	Color of Unit Identification Tape	
1	1-25		
2	26-50		
3	51-75		
4	76-100		
5	101-125		
6	126-150		
7	151-175		
8	176-200		
9	201-225		
10	226-250		
11	251-275		
12	276-300		



**Support Messenger
Galvanized Steel Wire**



**Jacket Black
PE Compound**

**Conductor Solid PE
Insulated Conductor**

**Shield (Plastic Coated
Aluminium Tape)**

**Core Conveying
Non-hygroscopic
Dielectric Tape**



FOAM – SKIN POLYETHYLENE COPPER TELEPHONE CABLE

APPLICATION AND KEY FEATURES

1- APPLICATIONS:

FOAM-SKIN PE INSULATED JELLY FILLED LOCAL CABLES ARE DESIGNED FOR DUCT AND DIRECT BURIAL INSTALLATIONS. FOAM-SKIN INSULATION – HIGHLY EXPANDED FOAM INNER CORE AND SOLID OUTER SKIN – PROVIDES THE CABLE WITH NOT ONLY COMPACTNESS BUT ALSO PHYSICAL, ELECTRICAL TOUGHNESS WHICH YIELDS, COMBINED WITH THE FULLY FILLING OF CABLE CORE WITH FILLING COMPOUNDS, LONG-TERM STABILITY AFTER INSTALLATION. MORE UNIFORM INSULATION THAN CONVENTIONAL ONES CAN BE ATTAINED BY FOAM-SKIN SO THAT ELECTRICAL COUPLINGS WILL BE WELL REDUCED. ITS CONSTRUCTION, PHYSICAL AND ELECTRICAL CHARACTERISTICS ARE BASED ON REQUIREMENTS OF CLIENT'S SPECIFICATION.

2- CONSTRUCTION

A- CONDUCTORS:

SOLID ANNEALED COPPER IN SIZE 0.32, 0.4, 0.5, 0.6 AND 0.9 MM.

B- UNIT TYPE :

THE PAIRS ARE STRANDED TO FORM 25-PAIR GROUPS (WHEN DESIRED FOR LAY-UP REASONS, THE 25-PAIRS GROUPS MAY BE DIVIDED INTO TWO OR MORE SUB-GROUPS), EACH 25-PAIR GROUP IDENTIFIED BY COLOR CODED PLASTIC BINDERS. FOR LARGE PAIR COUNT CABLES, TWO OR MORE 25-PAIRS GROUPS ARE STRANDED INTO A SUPER-UNIT, WHICH IS IDENTIFIED BY COLORED PLASTIC BINDERS. APPROPRIATE NUMBER OF THESE GROUPS AND/OR UNITS ARE STRANDED INTO A COMPACT AND CYLINDRICAL CABLE CORE.

C- CORE WRAPPING :

SEVERAL LAYERS OF PLASTIC TAPES COMPLETELY COVERING THE CABLE CORE AND ALSO PROVIDING SUFFICIENT DIELECTRIC STRENGTH BETWEEN CONDUCTORS AND SHIELD. WATER BLOCKING SWELL ABLE TAPE CAN ALSO BE USED AS REQUIRE BY THE CUSTOMER.

CROSS SECTION

D- FILLING :

INTERSTICES IN THE CORE, AND BETWEEN CORE WRAPS AND SHIELD ARE FILLED WITH PETROLEUM / SYNTHETIC COMPOUND SO AS TO EFFECTIVELY PROTECT THE CABLE CORE FROM WATER ATTACK. MODIFIED FILLING COMPOUND MEETING TROPICAL CLIMATE CONDITIONS IS ALSO AVAILABLE.

E- SHEATH :

LAMINATED ALUMINIUM POLYETHYLENE SHEATH (LAP SHEATH). ALUMINUM TAPE, TIGHTLY BONED TO THE OUTER POLYETHYLENE, ACTS NOT ONLY AS AN ELECTRICAL SCREEN BUT AS A MOISTURE BARRIER. THE OUTER POLYETHYLENE IS BLACK, HIGH MOLECULAR WEIGHT, ONE PROVIDING THE CABLE WITH A TOUGH, FLEXIBLE, PROTECTIVE COVERING ABLE TO WITHSTAND EXPOSURE TO SUNLIGHT.

F- INSULATION :

COLORS, FOAMED AND HIGH DENSITY POLYETHYLENE MEETING PHYSICAL AND ELECTRICAL REQUIREMENTS OF CLIENT'S SPECIFICATION.

G- TWINING :

INSULATED CONDUCTORS, COLOR CODED AS PER TABLE 1, ARE TWISTED INTO PAIRS WITH VARYING LAYS TO MINIMIZE CROSS-TALK AND CAPACITANCE UNBALANCE.

3- CABLE ASSEMBLY :

A- CONCENTRIC LAYER TYPE:

THE TWISTED PAIRS ARE STRANDED TOGETHER INTO A COMPACT AND CONCENTRIC CABLE CORE ATMOSPHERIC TEMPERATURE, GROUND CHEMICALS, AND STRESSES EXPECTED IN STANDARD INSTALLATIONS.

B- PULLING EYE :

WHEN REQUIRED BY CUSTOMER, CABLES CAN BE SHIPPED WITH PULLING EYE ATTACHED AT RUNNING END.

C- ARMOUR :

ARMOURING SUCH AS STEEL TAPE ARMOUR, WIRE ARMOUR AND SO ON, OVER THE LAP SHEATH, ARE AVAILABLE UPON REQUEST.

COLOR SCHEME FOR 25 PAIR UNITS

TABLE-1

Pair Number	Colour of conductor Insulation	
	A Wire	B Wire
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Grey
6	Red	Blue
7	Red	Orange
8	Red	Green
9	Red	Brown
10	Red	Grey
11	Black	Blue
12	Black	Orange
13	Black	Green
Pair Number	Colour of conductor Insulation	
	A Wire	B Wire
14	Black	Brown
15	Black	Grey
16	Yellow	Blue
17	Yellow	Orange
18	Yellow	Green
19	Yellow	Brown
20	Yellow	Grey
21	Violet	Blue
22	Violet	Orange
23	Violet	Green
24	Violet	Brown
25	Violet	Grey



DROP WIRE FOR OUTDOOR INSTALLATION

APPLICATIONS:

THE DROP WIRE IS USED FOR THE CONNECTION BETWEEN THE DISTRIBUTION BOX (DP) AND THE TERMINAL BOX IN THE CUSTOMERS PREMISES. THIS WIRE IS BASED ON PAKISTAN TELECOMMUNICATION COMPANY LTD. LATEST SPECIFICATIONS.

CONSTRUCTION

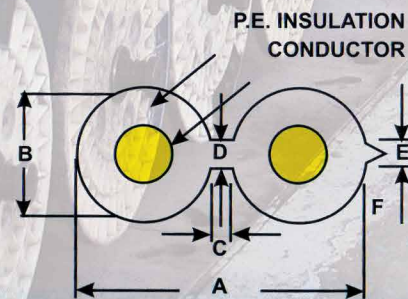
TWO CONDUCTORS FORMING A PAIR RUNNING IN PARALLEL SHALL BE INSULATED WITH WEATHER RESISTANT BLACK, HIGH-DENSITY SOLID POLYETHYLENE (HDPE) EXTRUDED IN THE SHAPE OF FIGURE 8.

CONDUCTOR

COPPER COVERED PLATED STEEL WIRE, SIZE: 1.00 MM

INSULATION

HIGH-DENSITY POLYETHYLENE.
P.E INSULATION CONDUCTOR



DIMENSIONS

A=	Approx	6.4 mm
B=	Approx	3.0 mm
C=	Approx	0.4 mm
D=	Approx	0.5 mm
E=	Approx	0.6 mm
F=	Approx	0.6 mm

TWISTED PAIR DROP WIRE

FOR OUTDOOR INSTALLATION

APPLICATION:

THE TWISTED PAIR DROP WIRE IS USED FOR THE CONNECTION BETWEEN DISTRIBUTION BOX (DP) AND THE CUSTOMER'S PREMISES FOR THE BROADBAND APPLICATION. THIS WIRE IS BASED ON PAKISTAN TELECOMMUNICATION CO.LTD LATEST SPECIFICATIONS.

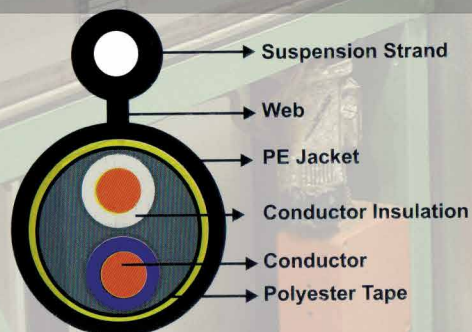
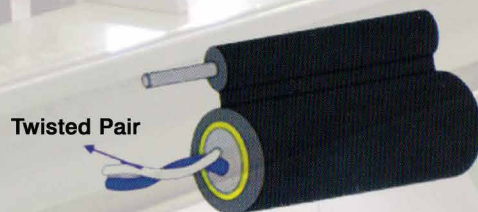
CONSTRUCTION:

THE CONDUCTORS ARE TWISTED TOGETHER TO FORM A PAIR-IMPROVING THE ELECTRICAL PARAMETERS. AVAILABLE IN SINGLE AND TWO PAIRS DESIGN.

CONDUCTOR SIZE: AVAILABLE IN 0.6 MM OR 0.9 MM

SUSPENSION WIRE: GALVANIZED STEEL WIRE

INSULATION: HIGH DENSITY POLYETHYLENE.



INDOOR TELEPHONE CABLE (PVC CABLE)

APPLICATION :

THIS CABLE IS USED FOR INTER COMMUNICATION SYSTEMS WITHIN BUILDINGS AND FACTORIES.

TELEPHONE CABLE

CONSTRUCTION

CONDUCTOR:

SOLID PLAIN/TINNED COPPER
0.5 OR 0.6 MM DIA

INSULATION:

POLYVINYL CHLORIDE (PVC) / OR FLAME RETARDENT COMPOUNDS.

POLYESTER TAPE SHEATH

POLYVINYL CHLORIDE / FLAME RETARDENT COMPOUNDS.



TWO PAIR LEAD-IN CABLE

APPLICATIONS :

TWO PAIR LEAD-IN CABLE IS USED BETWEEN THE PILLAR TYPE BOX (LAST CABLE DISTRIBUTION POINT) AND THE SUBSCRIBER'S PREMISES. THIS CABLE IS BASED ON LATEST SPECIFICATIONS OF PAKISTAN TELECOMMUNICATION COMPANY LTD.

CONDUCTOR :

SOLID ANNEALED COPPER, THE CONDUCTOR SIZE IS 0.6 MM.

INSULATION :

COLORS HIGH MOLECULAR WEIGHT SOLID POLYETHYLENE.

COLOR CODING :

THE COLOR CODE AND RESPECTIVE PAIR SHALL BE:

PAIR NO.	COLOUR	
	WIRE	MATE
1-	BLUE	WHITE
2-	GREEN	BLACK

TWINNING/PAIRING :

TWO COLORED INSULATED CONDUCTORS ARE UNIFORMLY TWISTED TOGETHER TO FORM A PAIR. VARYING LAY LENGTH IS DESIGNED TO MINIMIZE THE CROSS TALK AND CAPACITANCE UNBALANCE.

MOISTURE BARRIER INNER SHEATH :

POLYETHYLENE COMPOUND IS APPLIED OVER THE CABLE CORE BETWEEN INSULATED CONDUCTORS TO GIVE CORE A ROUND CROSS-SECTION.

ARMOUR : AN ALUMINUM TAPE OR COPPER TAPE IS APPLIED IN AN OPEN SPIRAL.

JACKET : BLACK HIGH MOLECULAR WEIGHT LOW DENSITY POLYETHYLENE COMPOUND.





JUMPER WIRE

APPLICATIONS AND KEY FEATURES

APPLICATION :

JUMPER WIRE IS USED FOR MAKING CROSS CONNECTIONS ON DISTRIBUTION FRAMES AND IN TERMINAL IN THE TELEPHONE EXCHANGES. THIS WIRE IS BASED ON LATEST SPECIFICATIONS OF PAKISTAN TELECOMMUNICATION COMPANY LTD.

CONSTRUCTION

CONDUCTOR :

0.5, 0.6 MM PLANE OR TINNED SOFT COPPER.

INSULATION :

POLYVINYL CHLORIDE/FLAME RETARDANT COMPOUND.

COLOR CODING :

JUMPER WIRE IS COLOR CODED AS PER REQUIREMENT OF CLIENT OR AS PER P.T.C.L. SPECIFICATIONS.

LAY-UP :

THE REQUIRED NUMBER OF INSULATED CONDUCTORS TWISTED TOGETHER.

PACKING :

COILS OF REELS MEASURING 100/500 METERS.



COAXIAL CABLE

APPLICATION :

THIS CABLE IS USEFUL IN CCTV, CATV, MATV BROADCAST, ELECTRONIC SYSTEM, COLOR & MONOCHROME TELEVISION, RF TRANSMISSION, VIDEO COMPUTERS.

CONSTRUCTION

CONDUCTOR :

SOLID/STRANDED, PLAIN/TINNED COPPER OR COPPER-CLAD STEEL.

INSULATION :

SOLID/CELLULAR FOAM POLYETHYLENE

SHIELD :

- A) ALUMINIUM FOIL
- B) PLAIN/TINNED COPPER, ALUMINIUM BRAID

JACKET :

POLYVINYL CHLORIDE OR POLYETHYLENE



OPTICAL & MECHANICAL

TEST IN PROGRESS



ELECTRICAL & PHYSICAL

TEST IN PROGRESS



FINISHED PRODUCTS READY FOR DISPATCH



FINISHED PRODUCTS READY FOR DISPATCH TO ETISALAT, UAE & STC, SAUDI ARABIA.





PRODUCT PORTFOLIO OF COPPER TELEPHONE CABLES

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2- SELF SUPPORTING AERIAL CABLE (PE-LAP-SS)

THIS CABLE IS USED FOR JUNCTION NETWORK IN EXCHANGE AREA FOR AERIAL INSTALLATION.

3- DROP WIRE

THIS WIRE IS USED AS OVERHEAD DISTRIBUTION TO SUBSCRIBER OUTLETS OF A TELEPHONE SYSTEM.

4- TWISTER PAIR DROPWIRE

DESIGNED FOR EXTENSION OF THE BROADBAND SERVICE TO FARTHER DISTANCE OF THE LAST MILE THAN THE CONVENTIONAL DROP WIRE.

5- JUMPER WIRE

THIS WIRE IS USED FOR INTERNAL CONNECTION OF EXCHANGES SPECIALLY IN MDF AND CROSS CONNECT CABINETS.

6- TERMINATING CABLES / INTERCOM CABLES.

7- PVC HOUSE WIRING CABLES.

8- FIELD TELEPHONE CABLES

9- CO-AXIAL CABLES.

A) RG-SERIES, CO-AXIAL CABLES.

B) COMPUTER CABLES.

10- ELECTRICAL APPLIANCES CABLES

U.L. STYLE OR ANY INTERNATIONAL SPECIFICATION FOR T.V, A/C, REFRIGERATORS ETC.

11- AUTOMOTIVE WIRES

LIGHT AND DISTRIBUTION CABLES.



PRODUCT PORTFOLIO OF COPPER TELEPHONE CABLES

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2- SELF SUPPORTING AERIAL CABLE (PE-LAP-SS)

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3- DROP WIRE

THIS WIRE IS USED AS OVERHEAD DISTRIBUTION TO SUBSCRIBER OUTLETS OF A TELEPHONE SYSTEM.

4- TWISTER PAIR DROPWIRE

DESIGNED FOR EXTENSION OF THE BROADBAND SERVICE TO FARTHER DISTANCE OF THE LAST MILE THAN THE CONVENTIONAL DROP WIRE.

5- JUMPER WIRE

THIS WIRE IS USED FOR INTERNAL CONNECTION OF EXCHANGES SPECIALLY IN MDF AND CROSS CONNECT CABINETS.

6- TERMINATING CABLES / INTERCOM CABLES.

7- PVC HOUSE WIRING CABLES.

8- FIELD TELEPHONE CABLES

9- CO-AXIAL CABLES.

A) RG-SERIES, CO-AXIAL CABLES.

B) COMPUTER CABLES.

10- ELECTRICAL APPLIANCES CABLES

U.L. STYLE OR ANY INTERNATIONAL SPECIFICATION FOR T.V, A/C, REFRIGERATORS ETC.

11- AUTOMOTIVE WIRES

LIGHT AND DISTRIBUTION CABLES.





PRODUCT PORTFOLIO OF COPPER TELEPHONE CABLES

ALL TELECOMMUNICATION CABLES ARE MANUFACTURED ACCORDING TO THE LATEST SPECIFICATIONS OF PAKISTAN TELECOMMUNICATION CO. LIMITED, ISLAMABAD

1- UNDERGROUND TELEPHONE CABLE (PE-JF-LAP-ARMoured)

THIS CABLE IS USUALLY USED FOR DISTRIBUTION IN EXCHANGE AREA FOR DIRECT BURIAL INSTALLATION, I.E. BETWEEN THE CROSS CONNECTION CABINET/CABLE AND DISTRIBUTION POINT, WHERE INCREASE MECHANICAL STRENGTH IS REQUIRED.

2- SELF SUPPORTING AERIAL CABLE (PE-LAP-SS)

THIS CABLE IS USED FOR JUNCTION NETWORK IN EXCHANGE AREA FOR AERIAL INSTALLATION.

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