

Electron Beam Cross Linked XLPE Insulated Remote Monitoring Systems and Data Transmission Cable.

Application

- ✓ Data transmission and remote monitoring systems
- ✓ PV Solar segment
- ✓ Indoor and outdoor uses
- ✓ Direct burial
- ✓ Fixed installation
- ✓ Dry and damp interiors

Product Construction

- ✓ Conductor : Annealed Tinned Stranded Copper Wires.
- ✓ Insulation : Electron Beam Cross Linked XLPE
- ✓ Binder Tape : Polyester
- ✓ Braiding : Annealed Tinned Copper Wires (Optional : Special Copper tape 100% EMC Screening).
- ✓ Outer Sheath : Modified all weather PVC jacket specially for PV Solar applications.

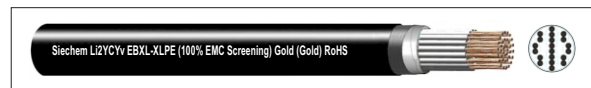
Technical Data

- ✓ Temperature Range : - 45°C to +125°C
- ✓ Voltage for Testing :
Core/Core : 2 kV
Core/Shielding : 1 kV
- ✓ Bending Radius(Minimum):
Static : 8 x Cable Diameter
- ✓ Specific Insulation Resistance : >5 G Ohm x km.
- ✓ Inductivity : 0.65 mH/km(approx.).
- ✓ Mutual Capacitance:
Core/Core : 60 nF / km(approx.)
Core/Shielding : 160 nF / km(approx.)
- ✓ Characteristic Impedance : 100 ± 15 ohm

Features

- ✓ Flame retardant
- ✓ Excellent UV, Ozone and Weather resistance

ISO 9001	ISO 14001	OHSAS 18001	AS 9100	ISO 45001	TUV 
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Part Number	Number of Cross Sectional Pairs Area (sq.mm)	Outer Diameter in (mm) approx.	Copper Index (Kg / km)	Weight (Kg/Km)approx.
Li2YCYv ***				
6510202P	2 x 2 x 0.22	8.8	23	76
6510203P	3 x 2 x 0.22	9.3	29	91
6510204P	4 x 2 x 0.22	10.0	35	108
6510208P	8 x 2 x 0.22	13.3	58	181
6510210P	10 x 2 x 0.22	15.0	70	216
6517001P	1 x 2 x 0.34	6.7	16	52
6517002P	2 x 2 x 0.34	9.3	29	86
6517003P	3 x 2 x 0.34	9.8	36	104
6517004P	4 x 2 x 0.34	10.6	45	124
6517008P	8 x 2 x 0.34	14.2	78	212
6510601P	1 x 2 x 0.5	7.1	20	58
6510602P	2 x 2 x 0.5	10.0	36	101
6510603P	3 x 2 x 0.5	10.4	47	120
6510604P	4 x 2 x 0.5	11.6	58	150
6510608P	8 x 2 x 0.5	15.2	104	251
6510610P	10 x 2 x 0.5	17.3	127	310

*** : In the event of an order, Please add to the part numbers mentioned above either with Gold or TP. Please note Gold is designed for 100% EMC Screening and TP for 90% EMC Screening.

