

25
YEARS
SYSTEM WARRANTY

Product Description

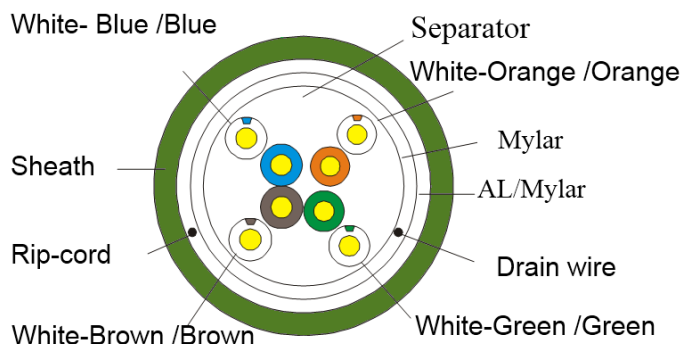
DME PROLINK's Data Bus Twisted Pair U/FTP cables are manufactured and tested to the TIA/EIA 568.2-D, EN50173-1 and ISO/ IEC 11801-1 standards. DME PROLINK's Data Bus Twisted Pair U/FTP cables guarantees excellent network speed, data throughput and efficiency. Each cable consists of 8 colour coded 23AWG polyethylene insulated conductors. Each conductors are twisted together to form 4 pairs with varying lengths. Overall Aluminium Foil is applied. DME PROLINK's Data Bus Twisted Pair U/FTP cable is designed for quick and easy installation where no special tools are required. Data Bus cable is supplied in "Reelex" packaging for fast, snag free installation.

Features & Benefits

- 4 twisted Pairs
- Performance compliance to ISO/IEC 11801 and ANSI/TIA-568.2-D
- 0.50mm Conductor Dia, Solid Bare Copper
- Low Smoke Zero Halogen
- Fire rated to IEC 60332-1
- 25 Years System Warranty

Standards Complied and Verified for Data Bus Cable Performance

- ISO/IEC 11801-1:2017 (Ed.2.2)
- ANSI/TIA-568.2-D:2018
- IEC 61156-5:2012 (Ed.2.1)
- EN 50173-1:2011; EN 50173-2:2007 including amendment A1:2010
- EN 50288-6-1:2013



Standards Complied and Verified for Data Bus Cable – Flammability, Halogen acidity & Smoke Performance

- IEC 60332-1 – [1,2]:2004
- IEC 60754-[1,2]
- IEC 61034-[1,2]

Specification

Category	F/UTP Data cable 4Pair LSZH			
Conductor	Material	SOLID-Bare Copper		
	Nominal. O.D. (mm)	0.5	up	+0.01
			down	-0.010
Insulation	Material	HDPE		
	Diameter	1.00±0.03mm		
Screening Material	Mylar+ AL/Mylar			
Sheath	Thickness	0.55±0.05mm		
	External O.D.	6.2±0.4 mm		
	Surface	Clean, Frap, Satiation		
	Material	LSZH(complies RoHS)		
	Color	Green		
Surface Printing	Letter height	3.0±0.3mm		
	Color	Black		
	Print error & Space	≤±0.5%, 1m		
Core Color	1 White- Blue /Blue	2 White-Orange /Orange		
	3 White- Green /Green	4 White- Brown /Brown		
Packing	Wooden Tray & Carton			
Carton dimension	41 x 41 x 21 cm			
Packing length	305±1.5m			
Rip-cord	Yes	Drain wire	TC 0.45mm	
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10.0	
		Elongation(%)	≥125	
	Aging Period (°C×Hrs)	100°C×24h×7d		
	After Aging	Tensile Strength (Mpa)	≥8.0	
	Elongation(%)	≥100		
	Cold bend(-20±2°C×4h)	8×Cable O.D., No visible cracks		
Electrical Characteristics (20°C)	Unbalanced-to-ground capacitance (pf/100m)	Max 330		
	DC Resistance (Ω/100m)	Max 9.5		
	DC Conductor Resistance Unbalance (%)	Max 5.0		

Part Number

D0114-FU3LSGR Smart Data Bus Cable, F/UTP, 305m, LSZH Sheath, Green

Technical Assistance

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www.dmeprolink.com