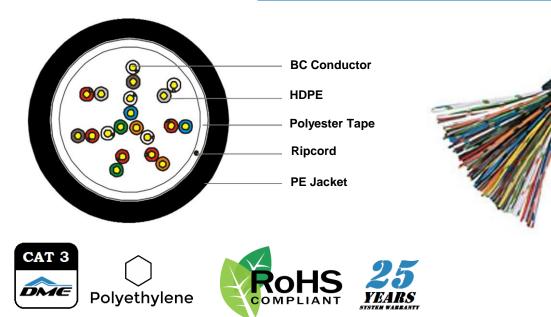


DME PROLINK Category 3, 10 Pair, Unscreened Twisted Pair (U/UTP) Outdoor cable, with PE sheath



Product Description

DME PROLINK's Category 3 U/UTP Multi-pair cables are manufactured and tested to ANSI/TIA 568.2-D, EN50173-1 and ISO/ IEC 11801 Category 3 specifications. *DME PROLINK*'s Category 3 U/UTP Multi-pair cable is designed for Voice Backbone and related applications. Each cable consists of 20 colour coded 0.50mm HDPE insulated conductors. Each conductors are twisted together to form 10 pairs. *DME PROLINK*'s CAT3 cable is designed for quick and easy installation where no special tools are required. CAT3 cable is supplied in "Drum" packaging for fast, snag free installation.

Features & Benefits

- Performance exceeding Category 3 specifications of 16MHz
- Performance compliance to ISO/IEC 11801 and ANSI/TIA-568.2-D
- 0.50mm, Solid Bare Annealed Copper
- Low Density Polyethylene (LDPE) Sheath
- 25 Years System Warranty

Standards Complied and Verified for Category 3 Cable Performance

- ISO/IEC 11801:2011 (Ed.2.2)
- ANSI/TIA-568.2-D:2018
- EN 50173
- YD/T1019

Specification

Overall Diameter (mm)	7.8 ± 1.0
Sheath Thickness (mm)	0.90 ± 0.2
Sheath Surface	Clean, Frap, Satiation
Sheath Material	LDPE
Insulation Material	HDPE

Technical Assistance

Middle East HQ: +971 (4) 8118000



DME PROLINK Category 3, 10 Pair, Unscreened Twisted Pair (U/UTP) Outdoor cable, with PE sheath

Insulation Overall diameter (mm)	0.87 ± 0.03
Conductor Diameter (mm)	0.50 (± 0.01)
Conductor Material	Solid Bare Annealed Copper
Impedance (Ω) @ 1-16 MHz	100 ± 15 Ω
Delay Skew (ns/100m) @ 1-16 MHz	≤ 45
Max. DC Resistance (Ω/100m)	9.5
Max. DC Conductor Resistance Unbalance (%)	5.0
Rip cord	Yes
Drain Wire	No
Shield	Polyester
Tensile Strength (Mpa)	≥ 10.0
Before Aging Elongation (%)	≥ 350
Aging Period (°C x Hrs)	100°C x 24h x 10d
After Aging Elongation (%)	≥ 300
Cold bend (-20 \pm 2 °C x 4h)	No visible cracks
Installation Temperature Range	-20°C to +50°C
Operating Temperature Range	-30°C to +50°C
Packing Length (Meters)	305 ± 1.5

Technical Performance

Freq. (MHz)	RL (Min. dB)	ATTN (Max. dB/100 m)	NEXT (Min. dB)	PSNEXT (Min. dB)	ELFEXT (ACR-F) (Min. dB/100m)	PSELFEXT (PSACR-F) (Min. dB/100m)	Phase Delay (Max. ns)
1	12.0	2.60	41.3	41.3	39.0	39.0	570.00
4.0	12.0	5.60	32.3	32.3	26.9	26.9	552.00
8.0	12.0	8.50	27.8	27.8	20.9	20.9	546.73
10.0	12.0	9.70	26.3	26.3	19.0	19.0	545.38
16.0	9.95	13.1	23.3	23.3	14.9	14.9	543.00

Part Number

D0154-10UU0.53PEBK

10-Pair Multicore Outdoor Backbone, CAT3, U/UTP cable, 305m, PE Sheath, 0.50mm, Black