

All Premium Line Cat.3 UTP gel filled outdoor multipair cable meets or exceeds ANSI/TIA/EIA 568-C.2, ISO/IEC 11801, EN 50173 specification. This range of unscreened cables is designed to support Cat.3 outdoor condition Link and Channel performance, with internationally defined Physical and Electrical performance up to 16MHz. Corrugated aluminum tape armored provides certain crush resistance and the light weight structure make the cable available both underground conduit cabling or aerial applications. The cable is RoHS compliant.



CONSTRUCTION:

Conductor	0.50 ± 0.005MM Plain copper conductor				
Insulation	HDPE with color marking on Primary cores for easy identification				
Color Code	White/Blue	White/Orange	White/Green	White/Brown	White/Grey
	Red/Blue	Red/Orange	Red/Green	Red/Brown	Red/Grey
Filling Compound	Petroleum Jelly Filled Compound				
Wrapping	Overall Cable wrapped with PP tape				
Aarmor	Corrugated Aluminum Tape Armored				
Sheath	LDPE				
	Nominal size	10pair: 11.0 +/- 0.5mm			

PHYSICAL CHARACTERISTICS:

Maximum Pulling Force	25N/Pair, 200N/Cable
Crush Resistance	200N/10cm
Minimum Bending Radius	≧ 10D(operation); ≧ 15D(installation)
Nominal Weight	150Kg/Km
Operating Temperature	-40°C~ +70°C
Installation Temperature	-10°C~ +50°C

ELECTRIC CHARACTERISTICS :

Transmission Frequency (MHz)	1	4	8	10	16
NEXT dB/100m	41.3	32.3	27.8	26.3	23.3
Characteristic Impedance	100 ± 15Ω				
Attenuation dB/100m	2.6	5.6	8.5	9.7	13.1
Structural Return Loss dB/100m	12	12	12	12	9.95
Nominal Velocity of Propagation	>65%				

ORDERING INFORMATION:

Part NO. 7238x3y22

Description: Premium-Line Category 3 UTP outdoor cable, gel filled, with aluminum armored, LDPE, black,
reel packing

x, pair 5: 10pairs 6: 25pairs 8: 50pairs 9: 100pairs

y, length 1: 305m/reel 2: 500m/reel

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