Category 3 UTP Outdoor Cable, Gel Filled, PE

with corrugated aluminum tape armored

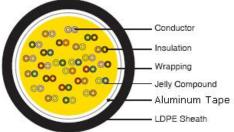
Part No. 7238x3y22

Ver. 1801

Product Specification

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 ± 0.005 MM 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							
Armor	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	\geq 10D(operation); \geq 15D(installation)		
Nominal Weight	150Kg/Km		
Operating Temperature	-40°C∼ +70°C		
Installation Temperature	-10°C~ +50°C		

Premium Line Systems GmbH reserves the right to change specifications without prior notice.



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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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