

25, 50 or 75 meters Outdoor Ethernet Cables

ETH-CAT6-STP-xx-CAP



Proxim's 25, 50 or 75 meters CAT6 Ethernet cables to connect Stratum, Edge and ORiNOCO devices to PoE injector

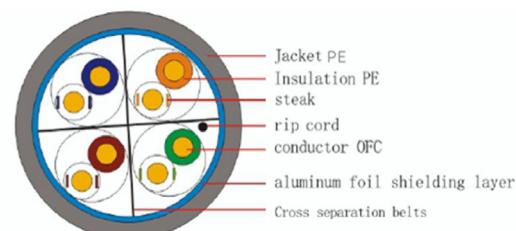
- Length: 25, 50 or 75 meters
- STP shielded CAT6 cable
- RJ45 terminated
- Outdoor, UV rated
- ROHS compliant

Ordering Information

CPN	Description
949-00161	25m outdoor, RJ45 terminated, UV Rated, STP Shielded CAT6 cable with M25 cable gland
949-00162	50m outdoor, RJ45 terminated, UV Rated, STP Shielded CAT6 cable with M25 cable gland
949-00163	75m outdoor, RJ45 terminated, UV Rated, STP Shielded CAT6 cable with M25 cable gland

Wire Connection

PIN connector1	Wire Color	PIN connector2
1	White / Orange	1
2	Orange	2
3	White / Green	3
4	Blue	4
5	White / Blue	5
6	Green	6
7	White / Brown	7
8	Brown	8
Shell	Drain Wire	Shell



Mechanical

Conductor	Material	Bare Copper
	AWG	24 AWG
	Cord Size	$1/0.5 \pm 0.005$ mm
Separator	Shape	Star
Insulation	Material	HDPE
	Average Thickness	0.22 mm
	Diameter	1.0 ± 0.05 mm
Drain Wire	Material	Tinned Copper
	Cord Size	$1/0.5 \pm 0.005$ mm
Shield	Material	Aluminum-Mylar tape
Jacket	Material	50P PVC anti UV
	Average Thickness	0.6 ± 0.05 mm
	Diameter	6.0 ± 0.3 mm
Cable Gland	Material	Nylon (Body) and Rubber (Seals and O-ring)
	Dimension	40 x Ø30.0 mm
	Weight	16 g

Environment

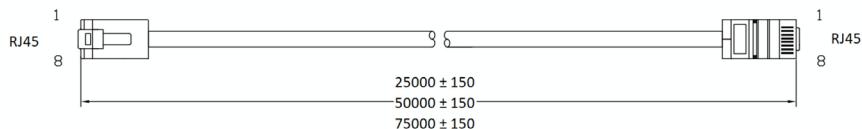
Wire	
Operating temperature:	-20 to +60 °C -4 to +140 °F
UV Rated	
Cable Gland	
Operating temperature:	-40 to +90 °C
Relative Humidity:	100% IP68

Electrical Rating

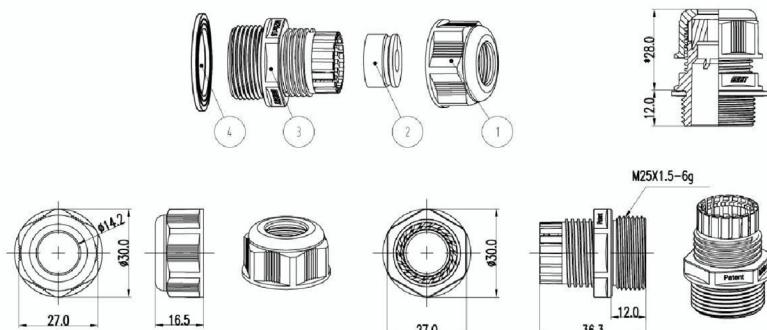
Characteristic Impedance	$100 \Omega \pm 15\%$ (1 ~ 250 MHz)
Resistance Unbalance	5 %
Capacitance Unbalance	330 pF / 100 meter (max)
Mutual Capacitance	5.6 nF / meter (max)
Conductive Resistance	10Ω (max)
Insulation Resistance	10M Ω (min)
Delay Skew	<45 ns

Schematics

- Ethernet cable



- Cable Gland



Package Contents

- One Cat6 Ethernet Cable with shielded RJ45 connectors
- One M25 Cable Gland

ABOUT PROXIM WIRELESS:

Proxim Wireless is a global leader in advanced wireless broadband and WiFi solutions that deliver high performance and high availability communications. Celebrating 40 years of pioneering wireless solutions, Proxim is recognized for unparalleled reliability, superior performance, and drive for innovation.

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