COMMUNICATION CABLES – LAN Cables

LAN CABLE M@XLAN®

Category 6

Cable description:

Cat 6 - 1/0.57mm 24 AWG PACW, Polyolefin Insulated, Twisted Pair, Flame Retardant Low Smoke Sheath. ACMA and UL Listed. Nominal Impedance 100 ohm. Tested up to 250MHz, (Tested up to 600MHz on request). Velocity of propogation 67%. Grey Sheath.

Category 6A

Cable description:

Cat 6A - 1/0.57mm 23 AWG PACW, Polyolefin Insulated, Twisted Pair, Flame Retardant Low Smoke Sheath. ACMA and UL Verified & Listed. Nominal Impedance 100 ohm. Tested up to 500MHz, (Tested up to 750MHz on request). Velocity of propogation 67%. Grey or Blue Sheath.

Category 5E

Cable description:

Cat 5E - 1/0.5mm 24 AWG PACW, Polyolefin Insulated, Twisted Pair, Flame Retardant Low Smoke Sheath. ACMA and UL Verified. Nominal Impedance 100 ohm. Tested up to 100MHz, (Tested up to 450MHz on request). Velocity of propagation 67%. Blue Sheath.

	Code	No. of pairs	Description	Overall diameter mm	Min. bending radius mm	Max. pulling tension N	Mass kg/km
Category 6	L4P6	4	Unscreened	6.2	50	190	40
Category 6A	L4P6A	4	Screened	7.3	60	180	68
Category 5E	L4P5E	4	Unscreened	5.2	40	150	30.5

Std. pack: 4 pair - 305 m box.

For Cat 3 (Category 3) LAN cables - please refer to the Prysmian M@XTEL Internal Telephone range which is now rated to Category 3.

LAN Cable is also available in Low Smoke Zero Halogen Sheath.

Guide for codes – Lan cable:

Product: L = Lan
Pair count: 4 = 4 pair, 25 = 25 pair etc
P: P = Pair
Category: 3 = Cat 3, 5E = Cat 5E, 6 = Cat 6, 6A = Cat 6A

Certified System
Quality
ISO 9001
SAI GLOBAL