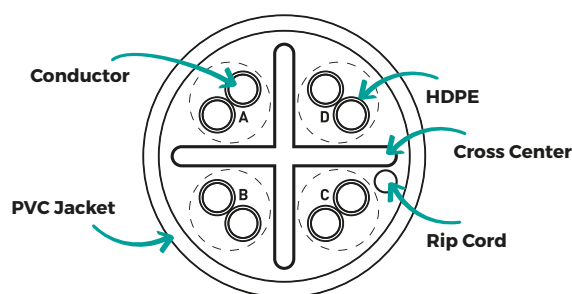


LAN CABLE

U/UTP CAT6 - 305m

CM-024-CPR-PF

Type	Conductor	Category
U/UTP	24 AWG	6
Jacket	Length	Type
PVC	305m	Pass Fluke



Product & Spec		24 AWG CAT6 UTP
Indeside		4P
Conductor	Configuration	0.52 mm / 24 AWG
	Material	Bare Copper
	Work datapss	160M - 180M
Insulation	Material	HDPE
	PE OD	$\varnothing 0.98 \pm 0.005$ mm
Paired Pitch	Blue / Blue & White	10 mm
	Orange / Orange & White	14 mm
	Green / Green & White	12 mm
	Brown / Brown & White	15 mm
Others	Shielding	No
	Ripcord	Nylon
	Package	305 m / Box
Cross Center	Material	Polyethylene
Skin	Material	LSZH
	Color	Light blue
	Jacket OD	$6.0 \text{ mm} \pm 0.2 \text{ mm}$
	PVC Thickness	0.58 ± 0.02 mm
Performance	Serface	Smooth
	Conductor resistance $\Omega / 100\text{m}$ 20°C	$\leq 8.20 \Omega$
	Conductor allow load current	0-5 A
	Voltage rating	$\leq 30\text{V}$
	Operating temperature	-20°C ~ 75°C

Frequency	Attenuation	NEXT	Ps-NEXT	ELFEXT	Ps-ELFEXT	Return Loss
1MHz	1.9 dB/100m	72 dB	69 dB	68 dB	65 dB	20 dB
10MHz	5.9 dB/100m	65 dB	62 dB	53 dB	50 dB	23 dB
16MHz	7.5 dB/100m	61 dB	58 dB	48 dB	45 dB	26 dB
25MHz	9.3 dB/100m	55 dB	52 dB	45 dB	42 dB	25 dB
40MHz	12.1 dB/100m	53 dB	50 dB	42 dB	39 dB	23 dB
60MHz	14.8 dB/100m	52 dB	49 dB	35 dB	32 dB	22 dB
100MHz	19.3 dB/100m	50 dB	47 dB	31 dB	28 dB	22 dB
150MHz	23.6 dB/100m	43 dB	40 dB	28 dB	25 dB	19 dB
200MHz	27.5 dB/100m	40 dB	37 dB	24 dB	21 dB	18 dB
250MHz	30.6 dB/100m	38 dB	35 dB	21 dB	18 dB	18 dB