

Model No.: NYX CAT5e Blue 305M
Description: PVC 4PR SOLID 24AWG U/UTP CAT5E LAN Cable

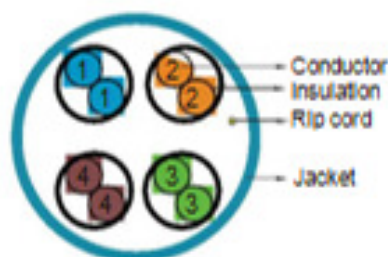


Application

NYX category 5E unshielded horizontal solid LAN cable (U/UTP) allows for data transmission between patch panels, outlets and/or IT equipment installed in data center or terminal users buildings. Backwards compatible with Cat6 application. Cable is supplied on a pull inside the carton, for ease of installation.

Characteristics

Type of cable	4 pair cables Non-plenum cable
Conductor Material	Annealed Bare Copper, 24AWG (1x0.49+/-0.01MM)
Cable insulation	HDPE, 0.88+/-0.05MM OD
Rip cord	Polyester filament FDY 900D, Under the sheath
Cable jacket	PVC, 5.0+/-0.5MM OD
Spark test for insulation	2500VDC
Conductor resistance	95.8ohms/KM MAX @ 20 C temperature
DCR unbalanced	5%
Insulation resistance	5000Mohm Min / KM @ 500VDC charge 1 minute
Mutual capacitance	=<56nF / KM
Pair to ground unbalance	=<330pF/100m
Storage temperature	-15 C to 75 C
Installation temperature	0 C to 60 C
Maximum pulling force	25lbs
Min bend radius (install)	100mm
Cable marking	NYX CAT5E UTP CABLE



△ NVP @ 69% 4PR

24AWG PVC 75°C A S/NZS 3080 CAT 5E XXW/YYYY XXXM
 (Note: xxx & yy indicates refer to page 2 of ordering reference)

Transmission parameters

ITEM	ATT	NEXT	RL	PS-NEXT	ELFEXT	PS-ELFEXT
	dB/100m	dB	dB	dB	dB	dB
MHz	Max.	Min.	Min.	Min.	Min.	Min.
1	2.0	65.3	20.0	62.3	64.0	61.0
4	4.1	56.3	23.0	53.3	52.0	49.0
8	5.8	51.8	24.5	48.8	45.9	42.9
10	6.5	50.3	25.0	47.3	44.0	41.0
16	8.2	47.2	25.0	44.2	39.9	36.9
20	9.3	45.8	25.0	42.8	38.0	35.0
25	10.4	44.3	24.3	41.3	36.0	33.0
31.25	11.7	42.9	23.6	39.9	34.1	31.1
62.5	17.0	38.4	21.5	35.4	28.1	25.1
100	22.0	35.3	20.1	32.3	24.0	21.0