

CAT6 23AWG 4 PAIR SF/UTP CABLE



Construction Details

Conductor	Solid Bare Copper
Conductor Diameter (Nom.)	23 AWG (0.57 ± 0.02 mm)
Insulation	HDPE
Insulation Diameter (Nom.)	1.0 + 0.05mm
No. of pair	4, Each twisted with suitable lay
Cross Filler	PE
Shield	Polyester + Mylar Tape
Drain Wire	Yes (GI)
Braiding	Yes (Al-Alloy)
Outer sheath	FR-PVC
Colour of Sheath	Grey
Thickness (Nom.)	0.55 mm
Outer Diameter (Nom.)	7.1 + 0.50 mm
Rip Cord	NA
Pair Colour	Blue/White-Blue, Orange/White-Orange, Green/White-Green, Brown/White-Brown

Electrical Parameter

Conductor DC Resistance @ 20 C	9.38 Ω/100M Max.
Resistance Unbalanced (%)	5 Max.
Mutual Capacitance	5.6 Max nF/100M
Capacitance Unbalance Pair/ Ground	330 Max pf/100M
NVP	69%
Input Impedance	100±15% Ω
Delay Skew	<45ns/100M

Environmental and Physical Characteristics

Operating Temperature	-15° C to +70° C
Storage Temperature	-15° C to +70° C
Packing Length	305 Mtr
Sequential Length Marking	at each meter

Ordering Information

S. No.	Item Description	Part Code
1	CAT6 23 AWG 4PAIR SF/UTP PVC JACKET NETWORKING CABLE-305 MTR	AX-AGC6SFB23V-305