

**SFX/C6-UTP-SWA-PE-BLK**

Category 6, 4pr UTP SWA Black PE (250MHz) (Due to special construction, for installations of less than 65 metres)



**Cable Construction**

Conductor	Bare Copper
Conductor Diameter (mm)	0.565 ±0.020
AWG	23
Insulation	HDPE
Insulation Thickness (mm)	0.18
Insulation Diameter (mm)	1.06 ±0.08
Insulation Colours	Blue/White/Blue; Orange/White/Orange; Green/White/Green; Brown/White/Brown
Filler	Cross Member
Inner Jacket 1	PVC
Inner Jacket 1 Thickness (mm)	0.65
Inner Jacket 1 Diameter (mm)	6.00 ±0.20
Inner Jacket 1 Colour	Grey RAL 7004
Inner Jacket 2	PE
Inner Jacket 2 Thickness (mm)	1.05
Inner Jacket 2 Diameter (mm)	7.50 ±0.20
Inner Jacket 2 Colour	Black RAL 9005
Armour	Galvanised Steel Wire
Armour Construction (mm)	0.9 x 27
Outer Jacket	PE
Outer Jacket Thickness (mm)	1.20
Overall Diameter (mm)	11.80 ±0.20
Jacket Colour	Black RAL 9005
Sheath Printing	Cat 6 UTP 4PR 23AWG SWA PE ISO/IEC 11801 ANSI/TIA 568C.2 (PO) (m)
Reaction to Fire	Fca
<b>Electrical Characteristics</b>	
Max Conductor DC resistance @ 20°C	<83Ω/km
Rated Temperature	80°C
Impedance (1-100MHz)/(100-250MHz)	100Ω ±15Ω/100Ω ±20Ω
Test Standards	ISO/IEC 11801; ANSI/TIA 568-C.2