

**SFX/C6-UTP-DB-BLK**

Category 6, 4pr UTP Direct Burial Black HDPE (250MHz)



**Cable Construction**

Conductor	Bare Copper
Conductor Diameter (mm)	0.565 ±0.020
AWG	23

Insulation	HDPE
Insulation Thickness (mm)	0.18
Insulation Diameter (mm)	0.94 ±0.08
Insulation Colours	Blue/White/Blue;Orange/White/Orange;Green/White/Green;Brown/White/Brown

Filler	Cross Member
Clear Polyester Tape	>=115%
Nylon Rip-Cord	White 210D
Inner Jacket	HDPE
Inner Jacket Thickness (mm)	0.580
Inner Jacket Diameter (mm)	5.80 ±0.20
Inner Jacket Colour	Black RAL 9005

Outer Jacket	HDPE
Outer Jacket Thickness (mm)	0.50
Overall Diameter (mm)	7.40 ±0.20
Outer Jacket Colour	Black RAL 9005
Sheath Printing	Cat 6 UTP 4PR 23AWG DB ISO/IEC 11801 ANSI/TIA 568C.2 (PO) (m)
Reaction to Fire	Fca

Electrical Characteristics	
Max Conductor DC resistance @ 20°C	<95.00Ω/km
Rated Temperature	80°C
Impedance (1-100MHz)	100Ω ±15Ω

Test Standards	ISO/IEC 11801; ANSI/TIA 568-C.2
----------------	---------------------------------