



Premium Shielded SXGA Monitor and Extension Cables

- Constructed from premium grade shielded video cable which uses a combination of coax and twisted-pair
- Connector Options
 - 90° Up Connector - Cable breaks upwards from the connector
 - 90° Down Connector - Cable breaks downwards from the connector
 - Standard HD15 - Cable breaks from the back of the connector
 - 45° Angled Connector - Cable breaks at an angle from the connector
 - Available in Male to Male or Male to Female configurations

Specifications: Premium Shielded SXGA Monitor and Extension Cables

Electrical Characteristics:

Conductor Resistance:	24AWG - 93.25Ω/m 28AWG - 237.25Ω/m
Impedance:	75 ± 5Ω at 10MHz
Capacitance:	60 ± 10pf/m
Velocity of Propagation:	70%
Insulation Resistance (DC500V):	10MΩ/km at 20°C min.
Dielectric Strength:	AC500V/1minute No Breakdown

Physical Characteristics:

Voltage Rating:	30V	Approvals:	RoHS Compliant
Temperature Rating:	80°C	Warranty:	Lifetime
Minimum Bend Radius:	90.00 ± 2.00mm	Package Type:	Polybag

Conductor (Qty. 3):

Conductor Type:	28AWG (7/0.127) Tinned Copper
Insulation:	Foam PE
Spiral Shield:	O.D. - 1.60 ± 0.13mm 42 ± 2/0.120 Tinned Copper
Inner Jacket:	PVC Low Toxic O.D. - 2.50 ± 0.15mm
Colours:	(1) red, (1) green, (1) blue

Conductor (Qty. 4 pair):

Conductor Type:	24AWG (7/0.200) Tinned Copper
Inner Jacket:	PVC Low Toxic O.D. - 1.10 ± 0.10mm (red, red/white), (orange, (brown, brown/white) (black, black/white)
Colours:	orange/white)

Overall Cable:

Foil Shield:	Aluminium Mylar 125% Coverage
Braided Shield:	176 ± 4(0.12 x 16 x 11) Tinned Copper 85% Coverage
Drain Wire:	24AWG (7/0.200) Tinned Copper
Jacket:	PVC Low Toxic O.D. 9.00 ± 0.20mm

Connectors:

Connector Type:	HD15 - Male HD15 - Female
Contact Material:	Brass - Gold Flash
Insulation:	Black PBT
Dimensions (HxWxD):	
Straight Connector:	15.5 x 34.0 x 47.5mm
45° Connector:	16.0 x 41.0 x 46.0mm
90° Connector:	31.5 x 33.0 x 28.5mm

	Male to 90° Up Angled Male	Male to 90° Down Angled Male	Male to Male	Male to 45° Angled Male	Female to 90° Up Angled Male	Female to 90° Down Angled Male	Male to Female	Female to 45° Angled Male
0.5m	81040	81062	81084	81106	81051	81073	81095	81117
1m	81041	81063	81085	81107	81052	81074	81096	81118
2m	81042	81064	81086	81108	81053	81075	81097	81119
3m	81043	81065	81087	81109	81054	81076	81098	81120
5m	81044	81066	81088	81110	81055	81077	81099	81121
7m	81045	81067	81089	81111	81056	81078	81100	81122
10m	81046	81068	81090	81112	81057	81079	81101	81123
15m	81047	81069	81091	81113	81058	81080	81102	81124

