



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/1 minute 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 O.D. - 1.60 ± 0.13mm |
| Spiral Shield: | 42 ± 2/0.120 Tinned Copper |
| Inner Jacket: | PVC Low Toxic O.D. - 2.50 ± 0.15mm |
| Colors: | (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 |
| Colors: | (red, red/white), (orange, (brown, brown/white) (black, black/white) |

Overall Cable:

| | |
|-----------------|--|
| Foil Shield: | Aluminum 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: | 180° connector (LxHxW): 47.5 x 15.5 x 34.0mm 45° connector (LxWxHxD): 46.0 x 33.5 x 16.0 x 41.0mm 90° connector (LxHxW): 28.5 x 31.5 x 33.0mm |

| | 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 |
|-------|----------------------------------|------------------------------------|--------------|----------------------------|------------------------------------|--------------------------------------|-------------------|------------------------------|
| 1ft | 52000 | 52014 | 35562 | 35010 | 52007 | 52021 | 35560 | 35019 |
| 3ft | 52001 | 52015 | 35563 | 35011 | 52008 | 52022 | 35561 | 35020 |
| 6ft | 52002 | 52016 | 16751 | 35003 | 52009 | 52023 | 14095 | 35012 |
| 10ft | 52003 | 52017 | 16752 | 35004 | 52010 | 52024 | 14172 | 35013 |
| 15ft | 52004 | 52018 | 14174 | 35005 | 52011 | 52025 | 14173 | 35014 |
| 25ft | 52005 | 52019 | 09461 | 35006 | 52012 | 52026 | 09457 | 35015 |
| 50ft | 52006 | 52020 | 09462 | 35008 | 52013 | 52027 | 09459 | 35017 |
| 75ft | --- | --- | 35569 | --- | --- | --- | --- | --- |
| 100ft | --- | --- | 09463 | --- | --- | --- | --- | --- |
| 125ft | --- | --- | 35570 | --- | --- | --- | --- | --- |
| 150ft | --- | --- | 35571 | --- | --- | --- | --- | --- |

