

Specifications: Plenum HD15 M/M SXGA Cable

Electrical Characteristics:

3 Coax Conductors

Impedance:	75 +/- 5 Ohm	
Capacitance:	54 pF/m nom	
DC Resistance:	0.347 Ohms/m @20C	
Dielectric Strength:	750VAC/minute min.	
Insulation Resistance (500V):	100 Mohm/KM @20C	
Attenuation (nominal):	<u>Frequency</u>	<u>dB/100 ft</u>
	1.0 MHz	0.9
	3.6 MHz	1.7
	5.0 MHz	1.9
	7.0 MHz	2.4
	9.0 MHz	2.6
	10.0 MHz	2.8
	30.0 MHz	4.4
	50.0 MHz	5.8
	100.0 MHz	8.2

2 Twisted Pairs

DC Resistance:	0.139 Ohms/m @20C
Dielectric Strength:	750VAC/minute min
Insulation Resistance:	100 Mohm/KM @ 20C

Physical Characteristics:

Voltage Rating:	300V
Temperature Rating:	75C

Approvals: RoHS Compliant

Warranty: Lifetime

Package Type: Polybag

Item	Description
40091	15ft Plenum HD15 M/M SXGA Cable
40092	25ft Plenum HD15 M/M SXGA Cable
40093	35ft Plenum HD15 M/M SXGA Cable
40094	50ft Plenum HD15 M/M SXGA Cable
40514	75ft Plenum HD15 M/M SXGA Cable

Cable Specifications: Plenum HD15 M/M SXGA Cable

Conductor (Qty. 3):

Conductor Type:	30AWG 7/38 Tinned Copper .012" nom. OD
Insulation:	Cellular FEP .049" nom. OD .0185" avg. wall
Shield:	Braid 4 ends 38AWG Tinned Copper 92% min. coverage
Jacket:	CMP-rated Low Smoke PVC (color code: (1) red, (1) blue, (1) green) .083" nom OD .008" avg. wall

Conductor (1 pair):

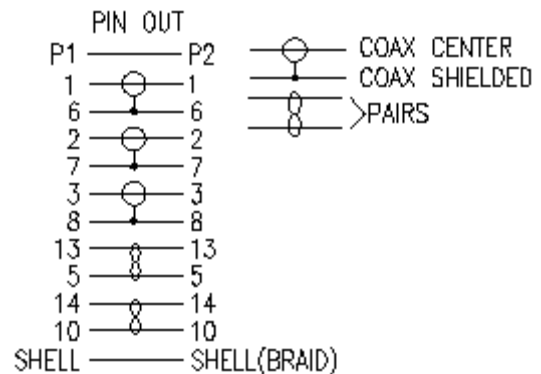
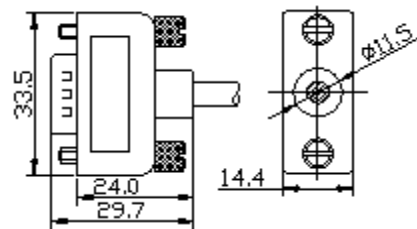
Conductor Type:	26AWG 7/34 Tinned Copper .019" nom. OD
Insulation:	Low Smoke PVC .029" nom. OD .005" avg. wall
Pairing Type:	Pair 1 (blue + violet) Twisted

Conductor (1 pair):

Conductor Type:	26AWG 7/34 Tinned Copper .019" nom. OD
Insulation:	Low Smoke PVC .029" nom. OD .005" avg. wall
Pairing Type:	Pair (red + orange) Twisted w/Drain Wire (26 AWG 7/34TC)

Connector (Qty. 2):

Connector Type:	HD15 Solder type
Gender:	Male to Male
Contact Material:	Gold Flash
Insulation:	Black PBT
Shield:	Copper-foil tape cover pre-mold w/360 degree solder to connect tor shell and cable braid
Hood Material:	Molded Low Smoke PVC (color: black)



Overall Cable:

Shield 1:	Aluminum/Polyester Tape 25% min overlap coverage
Shield 2:	Braid Shield 9 ends 36 AWG Tinned Copper 85% min. coverage
Jacket:	CMP-rated Low Smoke PVC (black) .248" nom. OD .018" avg. wall

