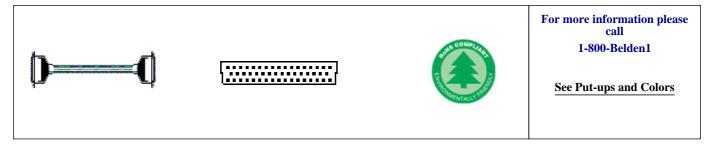


49765A Molded Cable Assemblies - D-Subminiature Assembly



Description:

50-position shielded D-Sub, for high-density applications where assembly is exposed to high noise environment, polyethylene insulation, foil plus braid shield, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors		50				
Total Number of Conductors		50				
Number of Pins		50				
AWG		26				
Stranding		7x34				
Conductor Diameter		.019 in.				
Conductor Material		TC - Tinned Copper				
INSULATION:						
Insulation Material		PE - Polyethylene	PE - Polyethylene			
Nom. Insulation Wall Thickness		0.01 in.	0.01 in.			
OUTER SHIELD:						
Outer Shield Trade Name		Duofoil®	Duofoil®			
Outer Shield Type		Tape/Braid				
Outer Shield Material :						
Layer Number	Trade Name	Туре	Material	% Coverage (%)		
1	Duofoil®	Таре	Aluminum Foil-Polyester Tape-Aluminum Foil	100		
			Таре-Анипппипп гоп			
2		Braid	TC - Tinned Copper	90		
2 Outer Shield %Coverage		Braid 100 %		90		
	WIRE :			90		
Outer Shield %Coverage				90		
Outer Shield %Coverage	WG	100 %		90		
Outer Shield %Coverage OUTER SHIELD DRAIN Outer Shield Drain Wire AV	WG randing	100 % 22		90		
Outer Shield %Coverage OUTER SHIELD DRAIN Outer Shield Drain Wire AV Outer Shield Drain Wire Stu	WG randing	100 % 22 7x30		90		
Outer Shield %Coverage OUTER SHIELD DRAIN Outer Shield Drain Wire A Outer Shield Drain Wire Str Outer Shield Drain Wire Co	WG randing	100 % 22 7x30		90		
Outer Shield %Coverage OUTER SHIELD DRAIN Outer Shield Drain Wire AV Outer Shield Drain Wire Str Outer Shield Drain Wire Co OUTER JACKET:	WG randing onductor Material	100 % 22 7x30 TC - Tinned Copper		90		



49765A Molded Cable Assemblies - D-Subminiature Assembly

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.535 in.				
ASSEMBLY DIMENSIONAL CHARACTERISTICS:					
Assembly Dimensional Length	5 ft.				
CONNECTOR CHARACTERISTICS:					
FIRST END :					
Connector Characteristics - First End Connector Type	D-Sub				
Connector Characteristics - First End # of Connector Contacts/positions	50				
Connector Characteristics - First End Connector Gender	Male				
Connector Characteristics - First End Connector Shielding Type	Metal Backshells				
Connector Characteristics - First End Overmold Type	50 Position D-Sub				
Connector Characteristics - First End Overmold Compound Material	PVC				
Connector Characteristics - First End Overmold Color	Chrome				
Connector Characteristics - First End Retention Hardware	Thumbscrew				
SECOND END :					
Connector Characteristics - Second End Connector Type	D-Sub				
Connector Characteristics - Second End # of Connector Contacts/positions	50				
Connector Characteristics - Second End Connector Gender	Female				
Connector Characteristics - Second End Connector Shielding Type	Metal Backshells				
Connector Characteristics - Second End Overmold Type	50 Position D-Sub				
Connector Characteristics - Second End Overmold Compound Material	PVC				
Connector Characteristics - Second End Overmold Color	Chrome				
Connector Characteristics - Second End Retention Hardware	Thumbscrew				
Wiring	Wiring: Point to Point. Pin #1 on end 1 to pin #1 on end 2. Pin #2 to pin #2, etc. Cable shield connected to connector shell.				
MECHANICAL CHARACTERISTICS:					
UL Temperature Rating	80°C (UL AWM Style 2919)				
APPLICABLE SPECIFICATIONS AND AGENCY	COMPLIANCE:				

NEC/(UL) Specification	CM (cable only)
AWM Specification	UL Style 2919 (30 V 80°C) (cable only)



49765A Molded Cable Assemblies - D-Subminiature Assembly

APPLICABLE STANDARDS:

EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
PLENUM/NON-PLENUM:	
Plenum (Y/N)	Ν
ELECTRICAL CHARACTERISTICS:	
Max. Operating Voltage - UL	30 V RMS (UL AWM Style 2919)
NOTES:	
Notes	Molded handles are 100% shielded to guard against EMI/RFI and assist in FCC compliance. All connectors tin-plated and male connectors have detents to allow for a positive shield to ground connection.
Notes (cont'd)	Wiring is point-to-point with the shield to connector shell. Jack screw retention on both connectors.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
	50 POS SHD D-SUB RI37943	S2	1.04	CHROME	

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