Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

1281S6 Coax - Banana Peel® Unjacketed Bundles Minin Hi-Res Component Video



For more Information please call

1-800-Belden1



General Description:

25 AWG solid .018" tinned copper conductors, foam HDPE insulation, Duobond® foil plus a tinned copper interlocked serve shield (95% coverage), inner PVC jacket.

Sellable Applications: RCB, VGA, SVOA SAA, SKAA, LKXOA, HDYA, LCD, Plasma, Dugital Signage, Component Video, Video Mult, Ammation, Special effects Charles Mail, Ammation, Special effects Consultor Sellable Applications: Stress Sellable Applications:	sage (Overall)						
Construction Structure	Suitable Applications:						
Image: Straining Conductor Material Dia (n) 0 Image: Straining Conductor IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		rall)					
e 2s Salat TC - Tinned Copper 018 Total Number of Conductors: 6 sulation Inscription Material: Inscription Material: Sestingted FMDE - From High Density Polyethyre (74) Inscription Material: Coverage (76) Sestingted FMDE - From High Density Polyethyre (74) Coverage (76) Image: Final Shield Material: Sestingted FMDE - From High Density Polyethyre (74) Coverage (76) Image: Final Shield Material: Saver F Imer Shield Trade Name Type (74) Inner Shield Material: Coverage (76) Saver F Imer Shield Trade Name Type (74) Image: Final Shield Material: Coverage (76) Saver F Imer Shield Trade Name Type (74) Coverage (76) Image: Final Shield							
Total Number of Conductors: 6 Suitation Imailation Material: Imailation Material: Dia. (m) Ges injected FIDPE - Foam High Density Polyeitylere 074 Overage (%) Imar Shield Material: Imar Shield Sheerial: Imar Shield Sheerial: Tore Shield Sheerial: Imar Jacket Material: Imar Jacket Material: Imar Jacket Material: Imar Jacket Jacket Material: Imar Jacket Material: Imar Jacket Jacket Material:							
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Outer Jacket Material Outer Jacket Material Unjacketed Verall Cable Overall Cabling Fillers: Bonded Spline Overall Nominal Diameter: 0.342 in. echanical Characteristics (Overall) Operating Temperature Range: -40°C To +75°C UL Temperature Rating: 60°C Non-UL Temperature Rating: 75°C	Number Color 1 Red 2 Green 3 Blue 4 Yellow 5 Black 6 White Outer Shield Material: Outer Shield Material: Unshielded						
Overall Cabling Fillers: Bonded Spline Overall Nominal Diameter: 0.342 in. echanical Characteristics (Overall) -40°C To +75°C Operating Temperature Rating: -40°C To +75°C UL Temperature Rating: 60°C Non-UL Temperature Rating: 75°C	Outer Jacket Material: Outer Jacket Material						
Overall Nominal Diameter: 0.342 in. echanical Characteristics (Overall) Operating Temperature Range: -40°C To +75°C UL Temperature Rating: 60°C Non-UL Temperature Rating: 75°C	verall Cable						
echanical Characteristics (Overall) Operating Temperature Range: -40°C To +75°C UL Temperature Rating: 60°C Non-UL Temperature Rating: 75°C	Overall Cabling Fillers:		Bonded Spline				
Operating Temperature Range: -40°C To +75°C UL Temperature Rating: 60°C Non-UL Temperature Rating: 75°C	Overall Nominal Diameter:		0.342 in.				
Operating Temperature Range: -40°C To +75°C UL Temperature Rating: 60°C Non-UL Temperature Rating: 75°C	echanical Characteristics (C	Overall)					
Non-UL Temperature Rating: 75°C			-40°C To +75°C				
Non-UL Temperature Rating: 75°C	UL Temperature Rating:		60°C				
Bulk Cable Weight: 57 lbs/1000 ft.							

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Max. Recommended Pulling Tension:	100 lbs.
Min. Bend Radius (Each Coax):	1.100 in.
Min. Bend Radius (Overall):	4.250 in.
pplicable Specifications and Agency Compliand	ce (Overall)
Applicable Standards & Environmental Programs	CMP
NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	No
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	02/24/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Applicable Patents: Country www.belden.com/p	
Flame Test	
UL Flame Test:	UL1666 Vertical Shaft
CSA Flame Test:	FT4
Suitability	Yes - Risers
Suitability - Indoor:	Tes - Riseis
Plenum/Non-Plenum Plenum (Y/N):	Νο
Plenum Number:	1282S6, 1280P
Idectrical Characteristics (Overall) Nom. Characteristic Impedance: Impedance (Ohm) 75 Nom. Inductance: Inductance (µH/ft) .087 Nom. Capacitance Conductor to Shield: Capacitance (pF/ft) 17.0 Nominal Velocity of Propagation: VP (%) 80 Nominal Delay: Delay (ns/ft) 1.24 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 34 Nom. Inner Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft)	
5.4 Nom. Attenuation: Freq. (MHz) Attenuation (dB/100 ft.) 1 0.52 5 1.17 50 3.7	



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weep Test					
		5	850	20	
Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL	(dE
inimum Retur	n Loss:				
300 V RMS					
Voltage					
ax. Operating	Voltage - No	n-UL:			
300 V RMS					
Voltage					
ax. Operating	Voltage - UL	.:			
3000	31.2				
1000	15.8				
900	15.0				
750	13.4				
400	9.5				
200	6.7				

850 MHz

Notes (Overall)

Notes: For 1281S6 010, all jackets are black and printed "RED/1", "GREEN/2", "BLUE/3", "YELLOW/4", "BLACK/5", and "WHITE/6"

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1281S6 0001000	1,000 FT	61.000 LB	NONE	С	6C25 RGBHVC
1281S6 000500	500 FT	31.500 LB	NONE	С	6C25 RGBHVC
1281S6 0101000	1,000 FT	67.000 LB	BLACK	С	6C25 RGBHVC
1281S6 010500	500 FT	32.000 LB	BLACK	С	6C25 RGBHVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 4 Revision Date: 08-22-2012

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