

Customer Specification

PART NO. 3532/7

Construction

						Diameters (In)	
1) Component 1						20 X 1 COND	
a) Conductor						22 (7/30) AWG TC	0.030
b) Insulation						0.010" Wall, Nom. PVC	0.050
(1) Color(s)							
Cond	Color	Cond	Color	Cond	Color		
1	BROWN	8	SLATE	15	GREEN		
2	RED	9	WHITE	16	BLUE		
3	ORANGE	10	BLACK	17	VIOLET		
4	YELLOW	11	BROWN	18	SLATE		
5	GREEN	12	RED	19	WHITE		
6	BLUE	13	ORANGE	20	BLACK		
7	VIOLET	14	YELLOW				
2) Cable Assembly						20 Components assembled parallel.	0.05 +/- 0.002 x
							1.000 +/- 0.040

Applicable Specifications

1) UL	AWM/STYLE 2713	80°C / 150 V _{RMS}
	VW-1	
2) Military		
a) Component 1	MIL-DTL-16878/1 (Type B)	105°C / 600 V _{RMS}

Environmental

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1) EU Directive 2011/65/EU(RoHS2):	
	All materials used in the manufacture of this part are in compliance with European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for RoHS C of C .
2) REACH Regulation (EC 1907/2006):	
	This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. For up-to-date information, please see Alpha's REACH SVHC Declaration .
3) California Proposition 65:	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-55 to 105°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	110 Lbs, Maximum
Electrical Properties	
(For Engineering purposes only)	
1) Voltage Rating	600 V _{RMS}
2) Capacitance	33 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Inductance	0.18 µH/ft, Nominal
4) Conductor DCR	16.2 Ω/1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 100 FT	11 x 1.25 x 3 Continuous length
	<i>[Spool dimensions may vary slightly]</i>

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11

Lead

Mercury

Cadmium

Hexavalent Chromium

Polybrominated Biphenyls (PBB)

Polybrominated Diphenyl Ethers (PBDE),

Including Deca-BDE

Bis(2-ethylhexyl) phthalate (DEHP)

Butyl benzyl phthalate (BBP)

Dibutyl phthalate (DBP)

Diisobutyl phthalate (DIBP)

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