









Specifications – STP20 and STP22 Series Cable

Description Part No. (length) Model	UL NEC/ C(UL) CEC UL AWM	No. of Cond.	Standard Lengths		Shipping Weights		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials (% coverage) Nom. DCR	Nominal OD		Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation			
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/ft	pF/m	MHz	dB/100 ft	dB/100 m	
(1 or 2 pairs) 22 or 20 AWG Shielded Twisted Pairs • Aluminum Foil (100%) Shield																				
Nonplenum Cable • Polypropylene Insulation • PVC Inner Jackets • Gray PVC Outer Jacket																				
22-156-03 (1000') STP22  Min. bend radius: 1.5"	NEC CM C(UL) 60 °C	1 shielded twisted pair	1000	304.8	17	7.7	22 AWG (7/30) 0.030" 0.76 mm, Tinned Cu 17 ohms/1k ft, 56 ohms/1 km	0.046	1.17	Alum. Foil (100%) 17 ohms/1k ft, 55.8 ohms/1 km	Single: red, black Overall: 0.135 3.43 gray	45		35 115 conductor-conductor 67 220 conductor-conductor, connected to shield						
22-160-03 (1000') STP22-2  Min. bend radius: 1.5"	NEC CM C(UL) 60 °C	2 shielded twisted pairs	1000	304.8	34	15.4	Same as above	0.046	1.17	Same as above	Single: red, black; green, white Overall: 0.168 4.27 gray	45		Same as above						
22-157-03 (1000') STP20  Min. bend radius: 2.0"	NEC CM C(UL) 60 °C	1 shielded twisted pair	1000	304.8	19	8.6	20 AWG (7/28) 0.038" 0.97 mm, Tinned Cu 10.5 ohms/1k ft, 34 ohms/1 km	0.070	1.78	Alum. Foil (100%) 10.5 ohms/1k ft, 34 ohms/1 km	Single: red, black Overall: 0.214 5.44 gray	45		27 89 conductor-conductor 49 161 conductor-conductor, connected to shield						
22-161-03 (1000') STP20-2  Min. bend radius: 2.3"	NEC CM C(UL) 60 °C	2 shielded twisted pairs	1000	304.8	40	18.1	Same as above	0.070	1.78	Same as above	Single: red, black; green, white Overall: 0.230 5.84 gray	45		Same as above						
Plenum Cable • Foamed FEP Insulation • PVC Inner Jackets • Blue Fire-resistant PVC Outer Jacket																				
22-158-03 (1000') STP22P  Min. bend radius: 2.5"	NEC CMP C(UL) 60 °C	1 shielded twisted pair	1000	304.8	14	6.4	22 AWG (7/30) 0.030" 0.76 mm, Tinned Cu 17 ohms/1k ft, 56 ohms/1 km	0.042	1.07	Alum. Foil (100%) 17 ohms/1k ft, 55.8 ohms/1 km	Single: red, black Overall: 0.118 3.00 blue	45		35 115 conductor-conductor 67 220 conductor-conductor, connected to shield						
22-162-03 (1000') STP22-2P  Min. bend radius: 3.4"	NEC CMP C(UL) 60 °C	2 shielded twisted pairs	1000	304.8	28	12.7	Same as above	0.042	1.07	Same as above	Single: red, black; green, white Overall: 0.150 3.81 blue	45		Same as above						
22-159-03 (1000') STP20P  Min. bend radius: 3.0"	NEC CMP C(UL) 60 °C	1 shielded twisted pair	1000	304.8	15	6.8	20 AWG (19/28) 0.038" 0.97 mm, Tinned Cu 10.5 ohms/1k ft, 34 ohms/1 km	0.050	1.27	Alum. Foil (100%) 10.5 ohms/1k ft, 34 ohms/1 km	Single: red, black Overall: 0.135 3.43 blue	45		27 89 conductor-conductor 49 161 conductor-conductor, connected to shield						
22-163-03 (1000') STP20-2P  Min. bend radius: 3.3"	NEC CMP C(UL) 60 °C	2 shielded twisted pairs	1000	304.8	30	13.6	Same as above	0.050	1.27	Same as above	Single: red, black; green, white Overall: 0.150 3.81 blue	45		Same as above						