

# Specifications — Plenum Seventeen Conductor Installation Cable

Part # Name ..... Conductor description (quantity) ..... UL AWM rating	UL NEC  C(UL)  CEC	Conductor(s)						Insula- tion	Shield  Material ..... % coverage ..... Nom. DC resistance	Jackets	Nominal individual cable outer diam.	Nominal outer diam.	Bend radius	Shipping weight per standard length
		AWG (Diameter) ..... (Stranding) Material ..... Nom. DC resistance	Nominal imped- ance ..... Nominal capacit- ance	Nominal velocity of propa- gation ..... Time delay	Nominal attenuation									
					MHz	dB/ 100 ft (30.48 m)	dB/ 100 m (328 ft)							

## 22-111-03/-04 — Plenum Seventeen conductor installation cable

Coax — (6) 26 gauge	NEC CL2P	26 AWG (0.016" 0.41 mm) ..... (7/34) tinned copper	75 ohms	83%	1	-0.47	-1.54	natural foamed fluorinated ethylene propylene	aluminum foil and tinned copper serve ..... 100% ..... 11.7 ohms/ 1000 ft ..... 38.4 ohms/ 1 km	red, green, blue, black, yellow, white ..... fluoro- copolymer	0.105" ±0.005"	2.67 mm ±0.13 mm	1.62"	75 lbs 34.0 kg per 500 ft 152.4 m
					5	-1.13	-3.71							
					10	-1.63	-5.35							
					20	-2.29	-7.51							
					50	-3.59	-11.78							
					71	-4.29	-14.07							
					100	-5.12	-16.80							
					135	-6.00	-19.69							
					180	-7.00	-22.97							
					200	-7.42	-24.34							
					270	-8.79	-28.84							
					400	-11.80	-38.71							
					750	-17.62	-57.81							
1000	-21.38	-70.14												
3000	-51.21	-168.0												
Shielded twisted pair — (4 pairs) 26 gauge	C(UL)	26 AWG (0.016" 0.41 mm) ..... (7/34) tinned copper						tinned copper braid ..... 85% min.	black & red black & green black & orange black & white ..... polyvinyl chloride	0.033" ±0.002"	10.46 mm ±0.38 mm	4.1 cm	147 lbs 66.7 kg per 1000 ft 304.8 m	
														0.84 mm ±0.05 mm
Single strand — (3) 20 gauge		20 AWG (0.032" 0.81 mm) ..... (10/30) tinned copper							brown, violet, grey fluorinated ethylene propylene					
Outer layer ..... 60° C								aluminum foil and tinned copper braid ..... 100% min.	grey fluoro- copolymer					