

Specifications — UTP CAT 6 Cable

Part # Name Conductor description (quantity) UL AWM rating	UL NEC C(UL) CEC	Conductor(s)						Insula- tion	Shield	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					Material % coverage Nom. DC resistance	Inner Outer				
					MHz	dB/ 100 ft (30.48 m)	dB/ 100 m (328 ft)								
22-135-03 UTP CAT 6 Single strand — (8) 23 gauge	NEC CL2 UL	23 AWG (0.023" 0.58 mm) solid tinned copper 20 ohms/ 1000 ft 67 ohms/ 1 km	100 ohms ±15 ohms 14 pF/ft 46 pF/m	68%	100 155 200	-6.1 -7.7 -8.9	-19.9 -25.3 -29.2	polyvinyl chloride	n/a	brown/ brown-white, green/ green-white, blue/ blue-white, orange/ orange-white polyvinyl chloride	0.015" ±0.005" 0.38 mm ±0.13 mm	0.240" 6.35 mm	0.90" 2.3 cm	46 lbs 20.9 kg per 1000 ft 304.8 m	
22-136-03 Plenum UTP CAT 6 Single strand — (8) 23 gauge	NEC CL2P CMP, FT6	23 AWG (0.023" 0.58 mm) solid tinned copper 20 ohms/ 1000 ft 67 ohms/ 1 km	100 ohms ±15 ohms 14 pF/ft 46 pF/m	71%	100 155 200	-6.1 -7.7 -8.9	-19.9 -25.3 -29.2	polyvinyl chloride	n/a	brown/ brown-white, green/ green-white, blue/ blue-white, orange/ orange-white polyvinyl chloride	0.020" ±0.005" 0.51 mm ±0.13 mm	0.250" 6.10 mm	0.90" 2.3 cm	46 lbs 20.9 kg per 1000 ft 304.8 m	