

LOCAL AREA NETWORK ETHERNET COAXIAL CABLES

NON-PLENUM

ETHERNET TRANSCEIVER CABLES IEEE 802.3 TRANSCEIVER CABLES MINI TRANSCEIVER CABLES



Part No.	Description	Ohms	Rating
9852C	Ethernet	Data Pairs: 78	Non-Plenum
9853C	IEEE 802.3	Data Pairs: 78	Non-Plenum
9854C	Mini†	78	Non-Plenum

†5 Meters or less

COLOR CODE INFORMATION

Part Nos.: **9852C & 9853C**

- Pair 1: Power (PVC) – Black and Red
- Pair 2: Data (FPP) – Green and Blue
- Pair 3: Data (FPP) – Yellow and Orange
- Pair 4: Data (FPP) – White and Brown

Part No. **9854C**

- Pair 1: Power (PVC) – Black and Red
- Pair 2: Data (FPP) – Green and Blue
- Pair 3: Data (FPP) – Yellow and Orange
- Pair 4: Data (FPP) – White and Gray

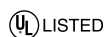
PRODUCT DESCRIPTION

Part No.	Description	Conductor		Insulation Material♦ Thickness Diameter Inches (mm)	Shield Material♦ DCR Ohms/1000' (Ohms/Km)	Jacket Material♦ Nom. O.D. Inches (mm)	Vel. of Prop %	Nominal Capacitance pF/FT (pF/m)	Nominal Attenuation db/100' (db/100m) @ MHz
		No. of Pairs	AWG Stranding Material♦ Ohms/1000' (/Km)						
9852C Type CM – 30V / 75°C UL AWM 2919 – 30V / 80°C CMG FT4	Ethernet Ohms: Data Pairs: 78 Non-Plenum	4 Pairs: 3 and 1 and a Central Drain Wire	22 7/30 TC 16.4 (53,8) 20 7/28 TC 10.2 (33,55) 22 7/28 TC	[3] PP 0.017 (0,43) 0.064 (1,63) and [1] Semi-rigid PVC 0.010 (0,25) 0.060 (1,52)	Individual A/P + Overall A/P/A + 95% TC Braid 3.0 (9,8)	Gray PVC 0.340 (8,64)	Data Pairs: 65	Data Pairs: 20 (65,6)	Maximum: @ 5-10 3.8 dB/164 Ft (3,8 dB/50 m)
9853C Type CL2 – 30V / 75°C CMG FT4	IEEE 802.3 Ohms: Data Pairs: 78 Non-Plenum	4 Pairs and a Central Drain Wire	20 7/28 TC 10.2 (33,5) 22 7/28 TC	[3] Cellular PP 0.018 (0,46) 0.074 (1,88) and [1] Semi-rigid PVC 0.010 (0,25) 0.058 (1,47)	Individual A/P + Overall A/P/A + 95% TC Braid 3.0 (9,8)	Gray PVC 0.395 (10,03)	Data Pairs: 65	Data Pairs: 17.0 (55,8)	Maximum: @ 5-10 3.8 dB/164 Ft (3 dB/50 m)
9854C Type CL2 – 150V / 75°C UL AWM 2919 – 30V / 80°C CMG FT4	Mini† Ohms: 78 Non-Plenum	4 Pairs: 3 and 1	28 7/36 TC 65 (213) 24 7/32 TC 25 (82)	[3] Cellular PP 0.009 (0,23) 0.033 (0,84) and [1] PVC 0.010 (0,254) 0.044 (1,12)	Individual A/P + A/P/A + 90% TC Braid 3.2 (10,5)	Gray PVC 0.250 (6,35)	66	Data Pairs 19.7 (64,6)	14.0 (45,9) @ 1 32.0 (105,0) @ 5 43.0 (141,0) @ 10

♦Refer to Materials Abbreviation Guide on Page 254

†5 Meters or less

SPECIFICATIONS



AVAILABILITY

■ See Page 275 for available put-ups