



Ethernet Transceiver Cables					
Part No.	Conductors (3 Data Pairs and 1 Power Pair)	Dielectric	Shield	Jacket	Electrical
9852C	Data: 22 AWG (0.35 mm ²) Stranded TC 7/30 (7 x 0.25)	Foam HDPE 0.064 (1.63) Dia.	A/P (pairs) A/P/A (overall) TC Braid, 95%	Slate PVC 0.375 (9.53) Dia.	Z ₀ = 78 Ω V _p = 78% C _p = 16.7 pF/ft (54.8 pF/m)
	Power: 20 AWG (0.56 mm ²) Stranded TC 7/28 (7 x 0.32)	SR-PVC 0.058 (1.47) Dia.			
Specifications: UL AWM 2919, UL CM, CSA CMG FT4 • Availability: D					
9853C	Data: 20 AWG (0.56 mm ²) Stranded TC 7/28 (7 x 0.32)	Foam HDPE 0.077 (1.96) Dia.	A/P (pairs) A/P/A (overall) TC Braid, 95%	Slate PVC 0.401 (10.19) Dia.	Z ₀ = 78 Ω V _p = 78% C _p = 16.7 pF/ft (54.8 pF/m)
	Power: 20 AWG (0.56 mm ²) Stranded TC 7/28 (7 x 0.32)	SR-PVC 0.058 (1.47) Dia.			
Specifications: UL AWM 2919, UL CM, CSA CMG FT4 • Availability: D					
9854C	Data: 28 AWG (0.08 mm ²) Stranded TC 7/36 (7 x 0.12)	PP 0.033 (0.84) Dia.	A/P (pairs) A/P/A (overall) TC Braid, 90%	Slate PVC 0.250 (6.35) Dia.	Z ₀ = 78 Ω V _p = 66% C _p = 19.7 pF/ft (64.6 pF/m)
	Power: 24 AWG (0.23 mm ²) Stranded TC 7/32 (7 x 0.20)	SR-PVC 0.044 (1.12) Dia.			
Specifications: UL AWM 2919, UL CM, CSA CMG FT4 • Availability: D					

Key to Abbreviations

A/P	Aluminum/polyester
A/P/A	Aluminum/polyester/aluminum
BC	Bare copper
BCW	Bare copper-coated steel
FEP	Fluorinated ethylene propylene
HDPE	High-density polyethylene
PE	Polyethylene
PP	Polypropylene
PTFE	Polytetrafluoroethylene
PVC	Polyvinyl chloride
PVDF	Polyvinylidene fluoride
SCW	Silver-coated, copper-coated steel
SPC	Silver-plated copper
SR-PVC	Semirigid PVC
TC	Tinned copper

Color Coding

Conductor	Color Code	
	9852C, 9853C	9854C
Data 1	Green-Blue	White-Gray
Data 2	Yellow-Orange	Yellow-Orange
Data 3	White-Brown	Green-Blue
Power	Blue-Red	Black-Red