



50-Ohm Transmission and Computer Cables

RG-142B/U, RG-174 Type, RG-178B/U, RG-188A/U, RG-196A/U, RG-213 Type, RG-214 Type, RG-217/U, RG-223/U, RG-316/U Coaxial Cables

Part No.	Center Conductor	Dielectric	Shield	Jacket	Electrical
9178B	26 AWG (0.48 mm ²) Stranded TC 7/38 (7 x 0.10)	PTFE 0.034 (0.86) Dia.	SPC Braid 94%	FEP Natural Tan 0.071 (1.80) Dia.	Z ₀ = 50 Ω V _p = 70% C = 29.3 pF/ft (96.1 pF/m)
	Specifications: RG-142B/U, RG-174 Type, RG-178B/U, RG-188A/U, RG-196A/U, RG-213 Type, RG-214 Type, RG-217/U, RG-223/U, RG-316/U Coaxial Cables • Availability: A, B, D, G				
9196A	30 AWG (0.05 mm ²) Stranded TC 7/38 (7 x 0.10)	PTFE 0.034 (0.86) Dia.	SPC Braid 94%	PTFE Tape Natural 0.075 (1.91) Dia.	Z ₀ = 50 Ω V _p = 70% C = 29.3 pF/ft (96.1 pF/m)
	Specifications: RG-142B/U, RG-174 Type, RG-178B/U, RG-188A/U, RG-196A/U, RG-213 Type, RG-214 Type, RG-217/U, RG-223/U, RG-316/U Coaxial Cables • Availability: A, B, D, G				
9174	26 AWG (0.14 mm ²) Stranded TC 7/34 (7 x 0.16)	PE 0.060 (1.52) Dia.	TC Braid 95%	Type 1 PVC Black or Red 0.102 (2.59) Dia.	Z ₀ = 50 Ω V _p = 66% C = 30.8 pF/ft (101.1 pF/m)
	Specifications: UL AWM 1354, MIL-DTL-17D/119F RG-174/U • Availability: D, G				
9188A	25 AWG (0.16 mm ²) Stranded TC 7/0.0067 (7 x 0.17)	PTFE 0.060 (1.52) Dia.	SPC Braid 94%	PTFE Tape White 0.105 (2.67) Dia.	Z ₀ = 50 Ω V _p = 70% C = 29.3 pF/ft (96.1 pF/m)
	Specifications: MIL-DTL-17/69B RG-188A/U • Availability: A, B, D, G				
9136	25 AWG (0.16 mm ²) Stranded TC 7/0.0067 (7 x 0.17)	PTFE 0.060 (1.52) Dia.	SPC Braid 94%	FEP Natural Tan 0.098 (2.49) Dia.	Z ₀ = 50 Ω V _p = 70% C = 29.3 pF/ft (96.1 pF/m)
	Specifications: AWM 1971, CSA CMX FT4, MIL-DTL-17 M17/113 RG-316 • Availability: D, G				
9223	19 AWG (0.62 mm ²) Solid	PE 0.116 (2.95) Dia.	Double SPC Braid 95%	Type II PVC Black 0.212 (5.38) Dia.	Z ₀ = 50 Ω V _p = 66% C = 30.8 pF/ft (101.1 pF/m)
	Specifications: MIL-DTL-17D/84B RG-223/U • Availability: D, G				
M4251	19 AWG (0.69 mm ²) Solid	PTFE 0.116 (2.95) Dia.	Double SPC Braid 95%	FEP Natural Tan 0.195 (4.95) Dia.	Z ₀ = 50 Ω V _p = 70% C = 29.0 pF/ft (95.1 pF/m)
	Specifications: MIL-DTL-17/RG-142B/U • Availability: A, B, D, G				
9213	13 AWG (3.11 mm ²) Stranded TC 7/0.0296 (7 x 0.75)	PE 0.285 (7.24) Dia.	BC Braid 96%	Type IIA PVC Black 0.405 (10.29) Dia.	Z ₀ = 50 Ω V _p = 66% C = 30.8 pF/ft (101.1 pF/m)
	Specifications: MIL-DTL-17/74A RG-213 Type • Availability: D, G				
9214	13 AWG (3.11 mm ²) Stranded TC 7/0.0296 (7 x 0.75)	PE 0.285 (7.34) Dia.	Double SPC Braid 95%	Type IIA PVC Black 0.425 (10.80) Dia.	Z ₀ = 50 Ω V _p = 66% C = 30.8 pF/ft (101.1 pF/m)
	Specifications: AWM 1354, MIL-DTL-17/75D RG-214/U • Availability: A, B, D, G				
9217	10 AWG (5.70 mm ²) Solid	PE 0.370 (9.40) Dia.	Double BC Braid 95%	Type IIA PVC Black 0.545 (13.84) Dia.	Z ₀ = 50 Ω V _p = 66% C = 30.8 pF/ft (101.1 pF/m)
	Specifications: MIL-DTL-17D/78A RG-217/U • Availability: A, B, D, G				