




IEEE 802.4, MAP & Mini-MAP, IEEE 802.7 Broadband Coaxial Cables

De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation																				
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m																		
14 AWG • Solid 1.6 mm Copper-Covered Steel • Duobond® IV Quad Shield																																					
Gas-Injected Foam Polyethylene Insulation • Grey PVC Jacket																																					
	3094A	NEC:	500	152	31.1	14.1	1.63 mm	0.280	7.11	Duobond® IV	0.407	10.34	75	82%	16.2	53.1	1	0.2	0.5																		
		CL2R	1000	305	62.2	28.2	14 AWG			Quad Shield							2	0.2	0.6																		
		CMR	† 2000	610	121.9	55.3	Solid CCS			4.9 /km***							5	0.3	0.9																		
		CEC:					20.0 /km*			7.9 mm							10	0.4	1.2																		
		CMG					36.1 /km**										20	0.5	1.8																		
																	50	0.8	2.7																		
																	100	1.2	3.8																		
																	200	1.6	5.3																		
																	300	2.0	6.6																		
																	400	2.3	7.6																		
RG-11/U Type			Tap marks every 2.6 meters to aid users in installation. 152 m and 305 m exact 1 pc.					Sweep tested 5 MHz to 400 MHz. CPE jacket optional.																													

IEEE 802.5, ISO / IEC 8802.5 IBM Cabling System Types 1A and 1

De- Description	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m
IBM Type 1a • 22 AWG • Solid 0.6 mm Bare Copper • Each Pair Individually Beldfoil® Shielded • 65 % Overall Tinned Copper Braid • Rip Cord																			
Flame-Retardant Foam Polyethylene Insulation • Black PVC Jacket																			
	IBM Part No. 9688	NEC:	† 500	152	26.5	12.0	0.64 mm	0.099	2.51	Individual	0.296	7.52	150	-	8.5	27.9	4	0.7	2.2
	4716748	CMG	† 1000	305	50.0	22.7	22 AWG			Beldfoil®	x	x					16	1.3	4.4
	33G2772	CEC:	† 2000	610	102.1	46.3	Solid BC			+ Overall	0.431	10.95					100	3.8	12.3
		CMG	† 3600	1098	190.7	86.5				65% TC Braid							300	6.5	21.4
																	100 ††	4.1	13.4
																	300 ††	7.1	23.3
																	600 ††	10.0	32.9
Rip Cord																			
2-Pair			Meets IEEE 802.5 and TIA/EIA-568-A specifications, ETL verified. For token ring (4/16 Mbps), FDDI over copper, and video applications. IBM qualified type 1A media cable for use in IBM cabling systems. For non-suffix "A" type IBM product, see 1634A below.																

BM Type 1 • 22 AWG • Solid 0.6 mm Bare Copper • Each Pair Individually Beldfoil® Shielded • 65 % Overall Tinned Copper Braid • Rip Cord																			
Flame-retardant Foam Polyethylene Insulation • Black PVC Jacket																			
	IBM Part No. 1634A	NEC:	† 1000	305	50.0	22.7	0.64 mm	0.099	2.51	Individual	0.296	7.52	150	-	8.5	27.9	4	0.7	2.2
	4716748	CMG	† 2000	610	102.3	46.4	22 AWG			Beldfoil®	x	x					16	1.3	4.4
		CEC:	† 3600	1098	191.1	86.7	Solid BC			+ Overall	0.431	10.95					100	3.8	12.3
		CMG								65% TC Braid							300	6.5	21.4
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Rip Cord																			
2-Pair			Meets IEEE 802.5 and TIA/EIA-568-A specifications, ETL verified. IBM qualified type 1A media cable for use in IBM cabling systems. For token ring (4/16 Mbps), FDDI over copper, and video applications.																

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • CCS = Copper-Covered Steel • TC = Tinned Copper • BC = Bare Copper • DCR = DC resistance
† Spools are one piece, but length may vary ±10% from length shown.
†† Common mode

Duobond® IV see technical information page 23.13.

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