

### IEEE 802.5, ISO/IEC 8802.5

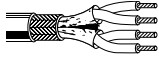
IBM Cabling System

Types 2A and 6A

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. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation	
			ft.	m	lbs.	kg		inch	mm		inch	mm		pF/ft.	pF/m	MHz	dB/ 100 ft.

**IBM Type 6a • 26 AWG • Stranded (7x34) 0.5 mm Bare Copper • Twisted Pair • Individual Beldfoil® • 65% Overall Tinned Copper Braid**

Datalene® Insulation • Striated Black PVC Jacket																		
IBM Part No. 1215A 4716743 33G2775	NEC:	† 998	304	46.1	20.9	0.48 mm	0.078	1.98	Individual Beldfoil® + 65% TC Braid	0.325	8.26	150	-	8.5	27.9	4	1.0	3.3
	CL2, CM					26 AWG										16	2.0	6.6
	CEC:					(7x34) BC										100	5.7	18.7
	CM															300	9.8	32.3

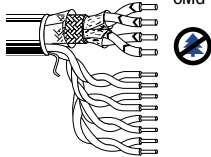


2-Pair

IBM qualified type 6A office cable for use in IBM cabling systems.

**IBM Type 2a • 22 AWG • Solid 0.6 mm Bare Copper • Twisted Pair • Individual Beldfoil® • 65% Overall Tinned Copper Braid • Rip Cord**

Flame-Retardant Foam Polyethylene Insulation • Black PVC Jacket																									
IBM Part No. 9689 4716739 33G2773	NEC:	† 1000	305	80.2	36.4	2-Pair*	0.099	2.51	Beldfoil® Each Pair + 65% TC Braid	0.324	8.32	150@	-	8.5	27.9	0.1k**	0.04	0.1							
	CMG	† 3600	1098	299.4	135.8	0.64 mm										x	x	1 MHz	(data)	(data)	4	0.7	2.2		
	CEC:					22 AWG										0.466	11.84	(data)					16	1.3	4.4
	CMG					Solid BC													600@				100	3.8	12.3
						4-Pair*	0.045	1.14				1 KHz	(voice)			300 ††	4.1	13.4							
						0.64 mm										300 ††	7.1	23.3							
						22 AWG										600 ††	10.0	32.9							
						Solid BC																			



IBM qualified type 2A media cable for use in IBM cabling systems.

TC = Tinned Copper • BC = Bare Copper • DCR = DC resistance  
 † Spools are one piece, but length may vary ±10% from length shown.  
 †† Common mode  
 \* (2) shielded Data-grade pair; (4) unshielded voice-grade media pair.  
 \*\* Voice pairs (1 kHz); Data pairs (4-600 MHz)

