

Appendix H

Characteristics of Field Wire and Field Cable

Common term	Basic cable or wire	Assemblies	Length	Attn (db) ^a per mile (1.6 km)	Weight	Tensile strength in lbs	Loading	Additional information
Field Wire	WD-1/TT (Std A)		¼ mile (4 km)	2.5 Wet 1.6 Dry	48 lb per mile (1.6 km)	200	None	Extruded nylon outer cover (WD-1/TT) Braided nylon outer cover (WD-14/TT) Stranded conductors, 4 copper, 3 steel
	WD-14/TT (Std B)		½ mile (8 km)					
			1 mile (1.6 km)					
			2½ miles (4 km)					
Cable, Tel (Assault Wire)	WD-36/TT (Std A)	MX-6894/TT MX-6895/TT	¼ mile (4 km) ½ mile (8 km)	5.9 Wet 3.6 Dry	8.5 lb per mile (1.6 km)	25	None	Solid aluminum conductor #23 AWG FSN MX-6894-3895-089-7278 FSN MX-6895-3895-089-7279
Cable, Tel (Four Wire, Field Wire)	WF-16/U (LP)		1 mile (1.6 km)	2.6 Wet 2.0 Dry	62 lb per mile (1.6 km)	200	None	Conductors are copper-cadmium alloy, stranded .
Spiral Four	WF-8/G (Std A)	CX-1606/G CX-1512/U	¼ mile (4 km) 100 ft 12 ft	1.25 Non-load 73 Loaded	390 lb per mile (1.6 km)	700	1320-6 (use Coil CU-2604 CH CXR only)	Conductors are all copper, stranded, #19 AWG
Inter-Area Coaxial Cable		CX-4245/G (Std B)	¼ mile (4 km)	38@ 2.304 MHz	500 lb per mile (1.6 km)	450	None	Two coaxial conductors (twisted)
Inter-Area Coaxial Cable		CX-11230/G (Std A)	¼ mile (4 km) 100 ft	38@ 2.304 MHz	308 lb per mile (1.6 km)	750	None	Two coaxial conductors, improved connector, improved shielding
Twenty Six Pair Cable	WM-130/G (Std A)	CX-4566/G CX-4760/G	250 ft or 25 ft 15 ft	2.5	150 lb per 1,000 ft	700	None	Stranded conductors, 6 copper, 1 steel-#24 AWG

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^a At 1 kHz unless otherwise indicated.