

OCTOBER 30, 1981

TYPE "MLMW" MULTIPLE SHEATH CABLES

SEE RATINGS
BELOW

Conductors: No. 24 AWG copper.

Insulation: DEPIC (dual expanded high density polyethylene); an inner layer of white foam polyethylene and outer skin of colored solid polyethylene. Core is filled with a waterproofing compound.

Sheath: ASP (aluminum, steel, and polyethylene jacket). Core wrap, aluminum, and steel are coated with a flooding compound to resist corrosion and block water flow in the sheath interfaces.

Capacitance: Average capacitance is 60 nF per mile of cable at 900 Hz or 1000 Hz at 60°F. Maximum average is 63 nF per mile.

Conductor DC Resistance: Approximately 274 OHMS per loop mile at 68°F.

Dielectric Strength: Capable of withstanding a dielectric test of not less than 3000 Vdc between conductors and 10,000 Vdc between conductors and sheath.

Attenuation: Approximately 1.80 dB per 1000 feet at 96 kHz at 75°F.

Initial use: Buried Cable for Non-Pressurized Intercity and Outstate Trunk* (ICOT) T-Carrier Systems.

*Trademark of the Western Electric Company

Code	Service Pairs	Outside Diameter (Inches)	Cable Weight (Lbs. Per Foot)	Rating	
MLMW-54	4	0.99	0.46	A.T.&T.Co.Std.	
MLMW-106	6	1.28	0.80	"	"
MLMW-158	8	1.50	1.10	"	"
MLMW-210	10	1.69	1.40	"	"
MLMW-314	14	2.02	1.99	"	"
MLMW-418	18	2.28	2.54	"	"
MLMW-616	16	2.71	3.61	"	"
MLMW-922	22	3.23	5.16	"	"