

JUNE 30, 1980

TYPE "KJAW-UM" MULTIPLE SHEATH CABLES

SEE RATINGS
BELOW

Consists of type "KJAW" cable with unsoldered mechanical protection, which consists of corrugated steel applied longitudinally (not soldered), flooding compound, and a polyethylene jacket. UM-protection protects the sheath from mechanical damage. UM-cable is used in areas where light supplementary protection is required.

Conductors: 22 AWG copper.

Electrical Characteristics										
DC Resistance (OHMS) Loop Mile at 68°F	AVG CAP. (nF/Mile at 60° 900 or 1000 Hz	Conductance (μs/Mile at 900 Hz)	Dielectric Strength (Greater Than)							
			Between Conductors (Volts DC)				Between Conductors and Sheath (Volts DC)			
173	83	0.2	4,000				10,000			
Attenuation at 55°F (db/1000 Ft.)										
Freq. (kHz)	1	48	96	136	168	208	256	772	1000	1600
	0.34	1.25	1.46	1.62	1.78	1.95	2.15	3.66	4.18	5.3

Initial use: Buried Cable for T-Carrier Transmission in Non-pressurized Systems.

Code	No. of Pairs	Maximum Length On 420 reel (Ft.)	Outside Diameter (Inches)	Weight Per Foot (Lbs.)	Rating
KJAW-UM-28	28	6000	1.12	0.61	A.T.&T.Co.Std.
KJAW-UM-54(*)	54	4000	1.37	0.92	" "
KJAW-UM-106(*)	106	3000	1.71	1.42	" "
KJAW-UM-158(*)	158	2400	1.96	1.91	" "
KJAW-UM-210(*)	210	2000	2.20	2.41	" "
KJAW-UM-314(*)	314	1320	2.58	3.39	" "
KJAW-UM-418(*)	418	1180	2.85	4.17	" "
KJAW-UM-616(*)	616	820	3.32	5.79	" "

(*) Pulling eye available on these pair sizes.