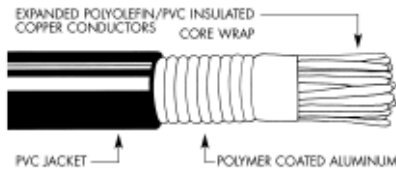


Riser Cable

Riser Cable is a rugged Multi-pair cable series that meets and exceeds ANSI/TIA/EIA-568-A and CSA T529-95 specifications for Category 3 transmission characteristics.



Riser Cable

Features & Benefits

- > Rugged design makes it ideal for vertical riser environments
- > Descending distance markings for length verification

Application

- > Riser Multi-pair Cable is intended to be used for backbone installations of moderate-speed environments, such as:
 - 10 Mb/s Ethernet (IEEE 802.3 10BASE-T)
 - 4 Mb/s Token Ring (IEEE 802.5)
 - Voice applications

Technical Specifications

Physical Characteristics

Construction

- > Conductors: 24 AWG solid copper
- > Insulation:
 - > Dual Insulation with a Polyolefin inner layer and a Polyvinyl Chloride (PVC) outer layer
 - > Color coding as per ANSI/TIA/EIA-568-A
- > Cable Core:
 - > 25-pair cables, all twisted pairs placed into a cable core
 - > 50-pair cables and more, formed by binder groups of 25-pairs (12-, 13- or 25-pairs)
- > ALVYAN (ALPAST) Sheath:
 - > Longitudinally applied, transversely corrugated 0.2 mm (0.008") aluminum shield bonded to the jacket
 - > PVC jacket - gray
 - > Printed at intervals indicating cable code, AWG, listings (NEC Code and/or CSA), verification, date, time and machine code



Riser Cable

Mechanical Characteristics

Number of pairs	Nominal O.D.		Min. Bend Radius		Weight (Cable only)	
	in.	mm	in.	mm	lb/kft	kg/100m
25-pr	0.47	11.9	4.7	119	132	20
50-pr	0.66	16.7	6.6	167	239	36
100-pr	0.85	21.5	8.5	215	421	63
150-pr	0.99	25.3	9.9	253	610	91
200-pr	1.1	28	11	280	766	114
250-pr	1.22	31	12.2	310	940	140
300-pr	1.32	33.5	13.2	335	1111	165
400-pr	1.5	38	15	380	1453	216
600-pr	1.84	46.8	18.4	468	2146	319
900-pr	2.25	57.1	22.5	571	3204	477
1200-pr	2.56	65.1	25.6	651	4216	627

Electrical Characteristics

- Capacitance Unbalance Pair-to-Ground: -262 pF/100 m max.
- DC Resistance: 8.8 Ω /100 m max.

Frequency	Attenuation (dB/100 m) max	Near End Crosstalk Power Sum (dB)	Characteristic Impedance ()	SRL (dB) Min.
0.772	2.2	43	102 \pm 15%	12
1.0	2.6	41	102 \pm 15%	12
4.0	5.6	32	102 \pm 15%	12
8.0	8.5	28	102 \pm 15%	12
10.0	9.7	26	102 \pm 15%	12
16.0	13.1	23	102 \pm 15%	10

Qualifications

- Meets or exceeds the Category 3 requirements per ANSI/TIA/EIA-568-A and CSA T529-95
- Meets or exceeds the Category 3 requirements of ICEA S-90-661-1997
- Listed as NEC Type CMR per UL Standard 444
- CSA Certified as CMR per CSA Standard C22.2 No. 214-94
- Bellcore GR-000111-CORE

Ordering Information

Riser Cable, 24 AWG, CSA CMR

DESCRIPTION	NUMBER OF PAIRS	COLOR	ORDERING NUMBER
ATMM-25	25	Gray	22713010
ATMM-50	50	Gray	22713020
ATMM-100	100	Gray	22713030
ATMM-150	150	Gray	22713035
ATMM-200	200	Gray	22713040
ATMM-250	250	Gray	22713045
ATMM-300	300	Gray	22713050
ATMM-400	400	Gray	22713060
ATMM-600	600	Gray	22713070
ATMM-900	900	Gray	22713080
ATMM-1200	1200	Gray	22713090



For More Information

For any other product information call: 1-800-BELDEN-1 or visit us at www.Belden.com.

All information is subject to change without notice, since Belden reserves the right to change its products as progress in engineering and manufacturing methods or other circumstances may warrant.