



PRIORITY
WIRE & CABLE, INC.
5888 UL

Medium Voltage Power Cable

Medium Voltage Cable Accessories Available from Priority Wire & Cable

Suitable for Copper or Aluminum Conductors



Cold Shrink Splice Kits

Suitable for indoor and outdoor use 5, 15 or 35KV rated



Cold Shrink Termination Kits

Suitable for indoor or outdoor use 5, 15 or 35KV rated

Loadbreak Elbows

15, 25 or 35KV rated



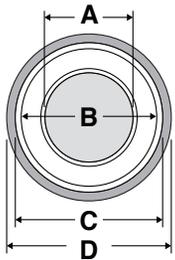
Also Available

1 hole or 2 hole Lugs
Medium Voltage Pulling Eyes

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5kV 1/C EPR MV-105 EASY GLIDER™ (Tape Shield)



- Description:** Prysmian's Easy Glider™ cable is designed to facilitate conduit installation without the application of pulling lubricant. Single conductor cable with stranded copper or aluminum conductor, triple extruded insulation system consisting of a thermosetting semiconducting conductor shield, high dielectric strength EPROTENAX™ EPR insulation, thermosetting semiconducting insulation shield, helically applied bare copper tape shield, and black low coefficient of friction, PVC jacket.
- Conductor:** Class B compact concentric compact concentric soft drawn annealed copper per ASTM.
- Conductor Shield:** Extruded thermosetting semiconducting shield which is free stripping from the conductor and bonded to the insulation.
- Insulation:** Natural high dielectric strength EPROTENAX™ EPR-based insulation, combined with other materials and agents that enhance the electrical and mechanical characteristics assuring extended cable life.
- Insulation Shield:** Extruded thermosetting semiconducting shield with controlled adhesion to the insulation providing the required balance between electrical integrity and ease of stripping.
- Metallic Shield:** Helically applied non-magnetic copper tape(s) over the insulation shield with a nominal overlap of 25%.
- Jacket:** Black, sunlight resistant, low coefficient of friction, polyvinyl chloride (PVC) jacket tightly applied over the copper tape.
- Specifications:** AEIC- AEIC CS8 UL- UL-1072
 ICEA- ICEA S-93-639 ICEE- IEEE 383 Flame Test
 ICEA- ICEA S-97-682 ICEE- IEEE 1202 Flame Test
- Ratings:** Type MV-105 Sunlight Resistant For CT USE (1/0 AWG and Larger) (250 MCM and Larger)
- Options:** Strandseal® Standard PVC jacket
 Compressed or compact stranded conductors Multiplex cables
 Colored Jackets CSA C68.10 (FT4 250 MCM and larger)
 LLDPE*, CPE or LSOH Jacket -40°C Cold Impact and Cold Bend
 Oil Resistant jacket Compact concentric strand aluminum alloy 1350

Conductor	Insulation Thickness (mils)	Conductor Diameter (in)	Insulation Diameter (in)	Insulation Shield Diameter (in)	Jacket Diameter (in)	Cable Weight (lbs/kft)	Minimum Bending Radius (in)	*Ampacity (amps)	
								±105°C in Duct	±105° in Air
								(A)	(B)
								(C)	(D)
5kV 133% Copper One Conductor									
4AWGCU	115	0.215	0.49	0.55	0.68	347	9	120	160
2AWGCU	115	0.266	0.54	0.60	0.73	424	9	155	215
1AWGCU	115	0.299	0.58	0.63	0.77	514	10	180	250
1/0 AWG CU	115	0.341	0.62	0.68	0.81	577	10	210	290
2/0 AWG CU	115	0.376	0.65	0.71	0.84	675	11	235	330
3/0 AWG CU	115	0.423	0.70	0.76	0.92	857	12	270	385
4/0 AWG CU	115	0.479	0.76	0.82	0.97	982	12	310	445
250 MCM CU	115	0.522	0.81	0.86	1.02	1126	13	345	495
350 MCM CU	115	0.622	0.91	0.96	1.12	1475	14	415	615
500 MCM CU	115	0.742	1.03	1.08	1.24	1988	15	505	775
750 MCM CU	115	0.917	1.21	1.27	1.43	2863	18	630	1000
1000 MCM CU	115	1.071	1.38	1.43	1.59	3681	20	720	1200

*Ampacities are based on the following:

The above dimensions are approximate and subject to normal manufacturing tolerances.

In Duct (2011 NEC Table 310.60(C)(77)): Three single cables in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, and 100% load factor.

Isolated in Air (2011 NEC Table 310.60(C)(69)): Single conductor cable, 90°C conductor temperature, and 40°C ambient temperature, and shields short-circuited.

In Cable Tray: Per 2011 NEC Article 392.80(B)(2)(b), for single conductor cables, sizes 1/0 AWG and larger, installed in a single layer in an uncovered cable tray, with a maintained space of not less than one cable diameter between individual conductors, the ampacities shall not exceed "Isolated in Air" values noted above.



