

# Medium Voltage Cable and Cable Assemblies – 5kV-35kV

TPC Wire & Cable Corp. provides a comprehensive program designed to provide high quality products and timely delivery.

## THE CABLE

- **Extremely flexible** and durable for easy installation and long life. Our cable is designed to withstand extreme abuse and provide long service life. Super-Trex® TSE jacket provides excellent protection against abrasion, oil, impact, ozone and tearing.
- **The reinforced jacket** improves overall resistance to pulling, twisting and tension.
- **Deep Inventory** – We stock most sizes of our medium voltage shielded power cable. This allows us to quickly deliver product when you need it.

## THE CONNECTORS

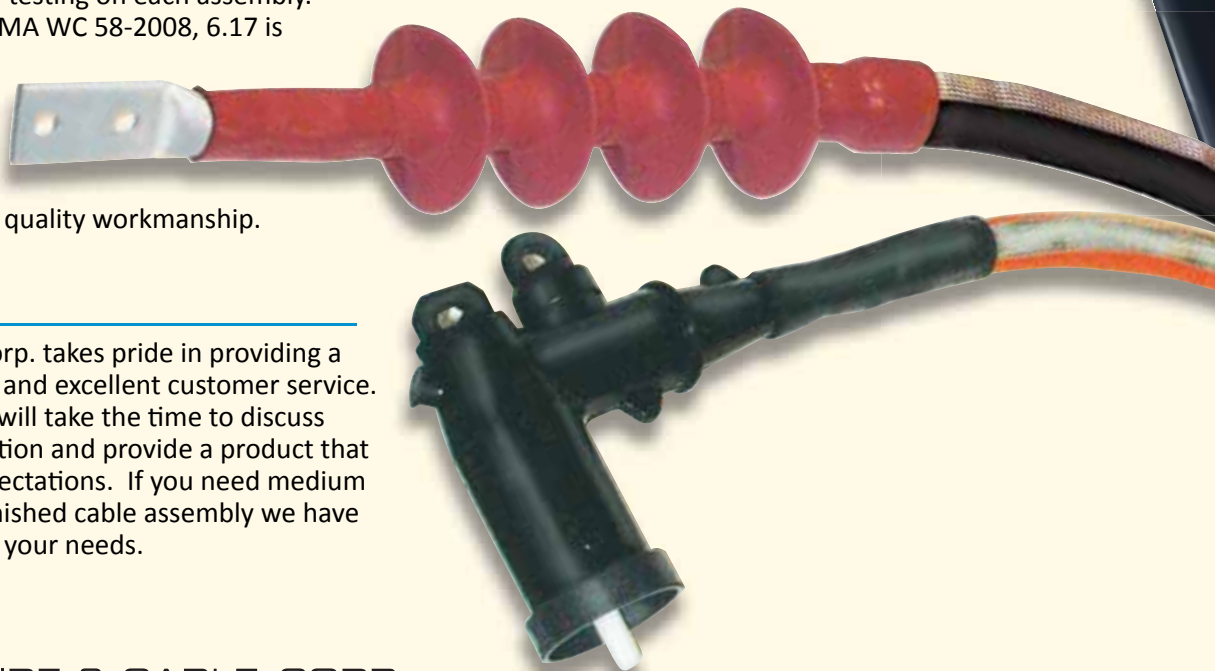
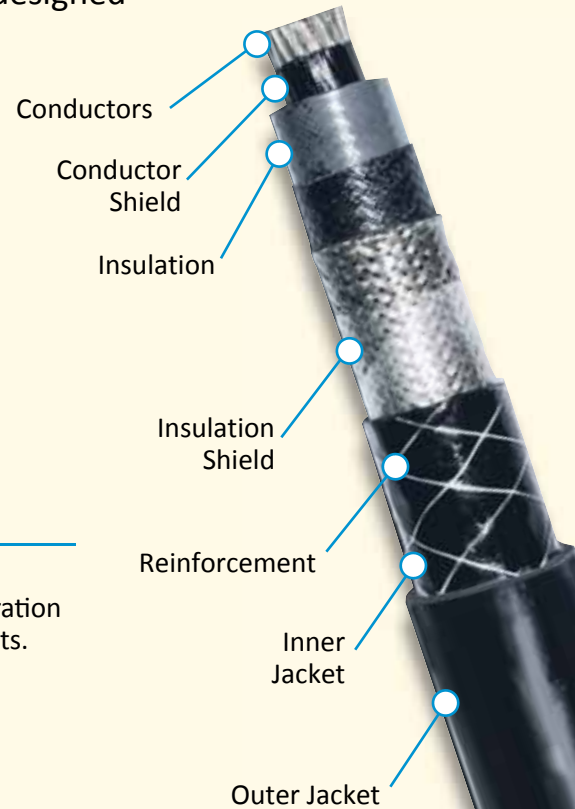
- **Factory installed terminations** – Cable is prepared and terminated with medium voltage termination kits. TPC can provide almost any lug configuration you require. Off the shelf or customized to meet your specific requirements.
- **Custom packaging** – TPC will cut the cable to length, terminate to your requirements, package the assemblies and when you receive the product it is ready for installation, saving you time and money.

## TESTING

**All products are electrically tested** – TPC uses third party testing laboratories to conduct electrical testing on each assembly. Testing per ANSI/NEMA WC 58-2008, 6.17 is conducted on each cable assembly. A full test report is provided with each order. This testing ensures high quality workmanship.

## THE PROGRAM

TPC Wire & Cable Corp. takes pride in providing a high quality product and excellent customer service. Our sales engineers will take the time to discuss your specific application and provide a product that will exceed your expectations. If you need medium voltage cable or a finished cable assembly we have the product to meet your needs.



## AVAILABLE

### 2 AWG to 750 MCM

**5kV Yellow**

**15kV Orange**

**25kV Red**

**35kV Black**

## ORDERING INFORMATION

	PART NO.	CABLE SIZE AWG/COND.	CONDUCTOR STRANDING	AMPACITY (1)	INSULATION THICKNESS (IN.)	JACKET THICKNESS (IN.)	NOMINAL O.D. (IN.)	CABLE WT. (LBS.) PER 1000'
<b>5kV YELLOW</b>	70502	2	259	190	.110	.125	.975	674
	70535	350	888	550	.120	.170	1.49	674
	70540	4/0	532	400	.110	.155	1.300	1393
<b>15kV ORANGE</b>	70102	2	259	195	.210	.155	1.203	881
	70110*	1/0	266	260	.210	.155	1.325	1147
	70140*	4/0	532	400	.210	.170	1.497	1594
	70135*	350	888	550	.210	.170	1.765	2364
<b>25kV RED</b>	70150*	500	1221	685	.210	.170	1.900	2937
	70201*	#1	259	225	.260	.170	1.45	1170
	70210*	1/0	266	260	.295	.170	1.500	1350
	70240*	4/0	532	395	.295	.190	1.713	1909
	70235*	350	888	545	.295	.190	1.886	2517
	70250*	500	1221	680	.295	.205	2.048	3168
<b>35kV BLACK</b>	70275	750	1850	870	.295	.205	2.253	4253
	70316	1/0	266	260	.340	.170	1.725	1632
	70325	250	608	440	.340	.210	1.96	2429
	70340	4/0	532	395	.340	.190	1.895	2235
	70335	350	888	545	.340	.205	2.100	2901
	70350	500	1221	680	.340	.205	2.280	3396

NOTES: (1) Allowable ampacity per conductor of insulated single conductor in air based on conductor temperature of 90°C and ambient air temperature of 40°C. NEC 2008 Table 310.69. \*CSA Approved.



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