



# PowerLink HV USA Unshielded High Voltage Power Cable



## Performance & Design Benefits:

- Proudly made in the USA
- Tested to ISO 19642-5, Class D
- Rated Voltage Max 1000VAC and Max 1500VDC
- Operating Temperature of -40C to +150C
- Flexible design for improved cable assembly routing
- Durable and resistant to flame, liquids, chemicals, ozone, UV, water and abrasion
- Cable is designed for consistent, easy stripping & processing
- RoHS & REACH Compliant
- PPAP available on request
- Special constructions and customization options available

## PowerLink HV USA Cable Construction:

- Stranded Bare Copper Conductor
- Cross-Linked Polyolefin Orange Insulation, 150C (Black & Red options)

## PowerLink HV USA Design Data:

Part Number	Cond. Size (mm <sup>2</sup> )	Conductor Construction (mm)	Cond. OD (mm)	Insulation Thickness (mm)	Insulation OD (mm)	Copper Weight (kg/m)	Total Weight (kg/m)	Max DC Resistance (/km)
TFC-HV-2.5U-OR	2.5	83 / 0.19	2.06	0.60	3.30	0.0224	0.0292	7.60
TFC-HV-06U-OR	6	199 / 0.19	3.35	0.60	4.80	0.0540	0.0640	3.14
TFC-HV-10U-OR	10	332 / 0.19	4.25	1.00	6.25	0.0933	0.1153	1.78
TFC-HV-25U-OR	25	829 / 0.19	6.75	1.43	9.60	0.2307	0.2791	0.72
TFC-HV-35U-OR	35	1161 / 0.19	8.10	1.25	10.60	0.3260	0.3763	0.51
TFC-HV-50U-OR	50	1658 / 0.19	9.50	1.50	12.50	0.4657	0.5388	0.36
TFC-HV-70U-OR	70	2318 / 0.19	11.60	1.70	15.00	0.6479	0.7494	0.25
TFC-HV-95U-OR	95	3108 / 0.19	12.88	2.06	17.00	0.8549	0.9921	0.19
TFC-HV-120U-OR	120	3959 / 0.19	15.00	1.85	18.70	1.0822	1.2219	0.15

Note: Different colors are available. -OR: Orange, -BK: Black, -RD: Red

PowerLink HV USA power cables are in stock & available from our partner:

Amphenol TPI: <https://www.tpil.com/product/powerlink-hv-usa>