



PowerLink™ HV USA Unshielded High Voltage Flexible Power Cable



Amphenol TFC PowerLink HV USA Unshielded

Performance & Design Benefits:

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

PowerLink HV USA Unshielded Cable Construction:

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

PowerLink HV USA Unshielded Cable Design Data:

Part Number	Cond. Size (mm ²)	Cond. Construction (mm)	Cond. OD (mm)	Insulation Thickness (mm)	Insulation OD (mm)	Copper Weight (kg/km)	Total Weight (kg/km)	Max DC Resistance (Ω/km)
TFC-HV-2.5U-OR	2.5	89 / 0.19	2.07	0.62	3.30	23.36	29.94	7.60
TFC-HV-04U-OR	4	140 / 0.19	2.61	0.75	4.10	36.91	46.92	4.71
TFC-HV-06U-OR	6	210 / 0.19	3.18	0.81	4.80	55.36	68.62	3.14
TFC-HV-10U-OR	10	332 / 0.19	4.14	1.05	6.25	94.11	114.89	1.82
TFC-HV-16U-OR	16	574 / 0.19	5.25	1.43	8.10	151.51	190.20	1.16
TFC-HV-25U-OR	25	874 / 0.19	6.50	1.85	10.20	230.70	293.30	0.743
TFC-HV-35U-OR	35	1235 / 0.19	7.70	1.90	11.50	325.98	400.81	0.527
TFC-HV-50U-OR	50	1767 / 0.19	9.20	2.20	13.60	466.41	569.56	0.368
TFC-HV-70U-OR	70	2432 / 0.19	10.80	2.35	15.50	638.78	767.03	0.259
TFC-HV-95U-OR	95	1672 / 0.27	12.80	2.70	18.20	891.22	1065.51	0.196
TFC-HV-120U-OR	120	2109 / 0.27	15.00	2.60	20.20	1123.56	1334.39	0.153
TFC-HV-150U-OR	150	2627 / 0.27	16.30	3.10	22.50	1529.83	1787.46	0.129

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

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

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