

# Treoflex XLPE-CY-JB XLPE VSD Cable 0.6/1kV

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## Technical Data:

Flexible cable with multi-stranded conductors, with a cross linked XLPE polyethylene insulation, Tinned Cu Braid, Clear Sheath  
0.6/1kV

- **Operating temperature:**  
flexing -5°C to 90°C  
fixed installation -20°C to 90°C
- **Operating voltage:**  
U<sub>o</sub>/U = 0.6/1kV
- **Test voltage:**  
4000V  
Min. bending radius  
8 x cables diameter

## Cable Structure

- **Conductors:**  
flexible copper wire, class 5  
Conductor insulation: XLPE
- **Conductor marking:**  
2+E = blue, brown, green/yellow  
3+E = red, white, blue, green/yellow  
4+E = red, white, blue, black, green/  
yellow
- **Bedding:** PVC compound to as/nzs 3808
- **Screen:** tinned copper wire braid
- **Sheath:** special PVC, self-extinguishing

## Properties

Self-extinguishing sheath  
Fulfilment of electromagnetic compatibility (EMC) requirements  
Flame retardant  
Rohs compliant  
AS/NZS 5000.1 & IEC 60332-1

## Application

Used to supply power to motors from frequency converters while maintaining full electromagnetic compatibility (EMC). The screening density assures disturbance free transmission of all signals and impulses. The cables are suitable for both fixed installation and moveable connections in industrial equipment, process lines, and machines operating in dry and damp rooms.

Part Number	No. of cores x cross-sec. mm <sup>2</sup>	Outer Ø ca. mm	Cop.weight kg/km	Weight kg/km	Current Capacity	Gland Part No to suit cable
16134AU	3 G 1.5	11.4	82.0	202	23	159.2012.20
16135AU	4 G 1.5	12.2	99.0	237	19	159.2012.20
16136AU	5 G 1.5	12.8	123.0	251	19	159.2012.20
16138AU	3 G 2.5	12.2	148.0	249	30	159.2516.20
16139AU	4 G 2.5	13.3	169.0	310	26	159.2516.20
16140AU	5 G 2.5	14.1	220.0	330	26	159.2516.20
16142AU	3 G 4	14.0	178.0	342	40	159.2516.20
16143AU	4 G 4	14.8	234.0	445	34	159.2516.20
16144AU	5 G 4	16.3	284.0	556	34	159.3221.20
16146AU	3 G 6	15.8	245.0	455	51	159.3221.20
16147AU	4 G 6	17.5	316.0	569	43	159.3221.20
16148AU	5 G 6	18.9	442.0	782	43	159.3221.20
16151AU	4 G 10	21.7	549.0	1035	61	159.4028.20
16152AU	5 G 10	23.5	604.0	1135	61	159.4028.20
16153AU	4 G 16	24.1	807.0	1395	81	159.4028.20
16154AU	5 G 16	26.2	940.0	1565	81	159.4028.20
16469AU	4 G 25	29.8	1169.0	1910	108	159.5035.20
16155AU	5 G 25	32.5	1420.0	2285	108	159.5035.20

For suitable EMC glands, see pages 310-317.