



Olex Australia Pty Limited  
ABN 61 087 542 863  
Level 8N, 130 Lonsdale Street, Melbourne  
Victoria 3000, Australia  
Telephone +61 3 9281 4444  
www.nexans.com.au



29 September 25

**DESCRIPTION:** 3 Conductors 70 mm<sup>2</sup> Stranded Compacted H68 Aluminium, Semiconductive Conductor Screen (0.3 mm min wall), 19/33 kV TR-XLPE Insulated (8.0 mm nom wall), Strippolex Insulation Screen (0.6 mm min wall), Helical Copper Screened (26 x 0.85 mm), Laid up, foamed polypropylene Taped, PVC (5V-90) Sheathed (1.6 mm nom wall), HD Polyethylene Sheathed (1.7 mm nom wall), to AS/NZS 1429.1, AS/NZS 4026.

**Ident Number: 70-33-3C-A-X-26X.85**

**Colour Code:**

Insulation Natural  
Core identification: Red, White, Blue ident tapes under the metallic screen  
Sheath Black, metre marked at 1 metre intervals

**Physical Properties:**

**Cable dimensions :**

Overall cable diameter: 70.3 mm nom ± 2.0 mm  
Diameter over laying-up : 63.0 mm  
Diameter over metal screen : 29.3 mm  
Diameter over insulation : 26.0 mm  
Conductor Diameter : 9.7 mm  
Net mass of cable: 3662 kg/km

**Recommended minimum internal bending radius :**

Pulling In : 1800 mm  
Set in Position : 1100 mm

**Recommended maximum safe pulling/working tension :**

Conductors : 9.1 kN

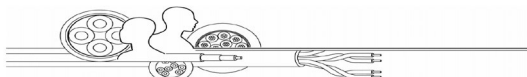
**Electrical Properties:**

Maximum conductor resistance = 0.443 ohm/km  
Minimum insulation resistance = 15160 megohm.km  
Capacitance of main conductor = 0.143 µF/km

**Despatch Parameters:**

Lengths 1 x 500 m  
Internal drum size 2400 mm x 1400 mm B x 1300 mm  
Overall drum size 2400 mm x 1520 mm (Steel Drum)  
Gross mass per drum 2399 kg  
Recommended minimum barrel diameter 1300 mm  
Cable is metre marked.

\*Subject to change without notice\*





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**DESCRIPTION:** 3 Conductors 185 mm<sup>2</sup> Stranded Compacted H68 Aluminium, Semiconductive Conductor Screen (0.3 mm min wall), 19/33 kV TR-XLPE Insulated (8.0 mm nom wall), Strippolex Insulation Screen (0.6 mm min wall), Helical Copper Screened (52 x 0.85 mm), Laid up, foamed polypropylene Taped, PVC (5V-90) Sheathed (1.8 mm nom wall), HD Polyethylene Sheathed (1.9 mm nom wall), to AS/NZS 1429.1, AS/NZS 4026.

Ident Number: **185-33-3C-A-X-52X.85**

Insulation Natural  
Core identification: Red, White, Blue ident tapes under the metallic screen  
Sheath Black, metre marked at 1 metre intervals

Physical Properties:

**Cable dimensions :**

Overall cable diameter: 84.5 mm nom ± 2.1 mm  
Diameter over laying-up : 76.4 mm  
Diameter over metal screen : 35.5 mm  
Diameter over insulation : 32.0 mm  
Conductor Diameter : 15.7 mm  
Net mass of cable: 5986 kg/km

**Recommended minimum internal bending radius :**

Pulling In : 2100 mm  
Set in Position : 1300 mm

**Recommended maximum safe pulling/working tension :**

Conductors : 20.0 kN

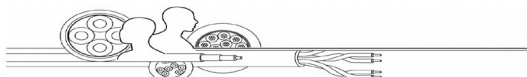
Electrical Properties:

Maximum conductor resistance = 0.164 ohm/km  
Minimum insulation resistance = 11090 megohm.km  
Capacitance of main conductor = 0.196 µF/km

Despatch Parameters:

Lengths 1 x 500 m  
Internal drum size 2550 mm x 1800 mm B x 1800 mm  
Overall drum size 2550 mm x 2020 mm (Steel Drum)  
Gross mass per drum 3821 kg  
Recommended minimum barrel diameter 1640 mm  
Cable is metre marked.

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**DESCRIPTION:** 3 Conductors 240 mm<sup>2</sup> Stranded Compacted H68 Aluminium, Semiconductive Conductor Screen (0.3 mm min wall), 19/33 kV TR-XLPE Insulated (8.0 mm nom wall), Strippolex Insulation Screen (0.6 mm min wall), Helical Copper Screened (52 x 0.85 mm), Laid up, foamed polypropylene Taped, PVC (5V-90) Sheathed (1.9 mm nom wall), HD Polyethylene Sheathed (2.0 mm nom wall), to AS/NZS 1429.1, AS/NZS 4026.

**Ident Number: 240-33-3C-X-HDS**

Colour Code:

Insulation Natural  
Core identification: Red, White, Blue ident tapes under the metallic screen  
Sheath Black, metre marked at 1 metre intervals

Physical Properties:

**Cable dimensions :**

Overall cable diameter: 90.0 mm nom ± 2.1 mm  
Diameter over laying-up : 81.4 mm  
Diameter over metal screen : 37.8 mm  
Diameter over insulation : 34.3 mm  
Conductor Diameter : 18.0 mm  
Net mass of cable: 6840 kg/km

**Recommended minimum internal bending radius :**

Pulling In : 2300 mm  
Set in Position : 1400 mm

**Recommended maximum safe pulling/working tension :**

Conductors : 20.0 kN

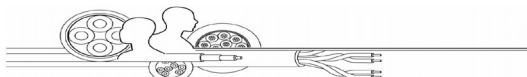
Electrical Properties:

Maximum conductor resistance = 0.125 ohm/km  
Minimum insulation resistance = 10060 megohm.km  
Capacitance of main conductor = 0.216 µF/km

Despatch Parameters:

Lengths 1 x 500 m  
Internal drum size 2800 mm x 1800 mm B x 1800 mm  
Overall drum size 2800 mm x 2020 mm (Steel Drum)  
Gross mass per drum 4322 kg  
Recommended minimum barrel diameter 1660 mm  
Cable is metre marked.

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