



Direct Buried Solar Cable 120°C

CONSTRUCTION	
Conductors	Stranded Tinned Copper
Insulation	XLPO - Cross-linked polyolefin
Sheath	XLPO - Cross-linked polyolefin
Voltage	DC1500V
Colour	Single Double Insulated - Black Sheath - Red or Black Core

FEATURES
Compliant to EN50618:2014 Elflex TUV (IEC62930/EN50618) 62930
Excellent Flexibility, Ezi Tear Webbing
Flame Retardant – IEC60332-1
UV Stabilised
Meter Marked
Direct burial acc.to Impact-Resistance Test (section 23) & Crushing-Resistance Test {section 24.1(a)} UL854 PASS Water resistant acc.to Presence of water & Voltage test on completed cable with a.c. IEC60529:1989+A1:1999 IPX7 Height of immersion 1m 23°C×30min, 6.5kVAC×5mi PASS

APPLICATION
Inter connection in photovoltaic system for both residential and commercial installations

PACKAGING
Standard Length Cable Packing 100m & 500m

Product Code	Cable Type	Core Colour	Nominal Area (mm ²)	Bending Radius	Temp Rating	ODI [†] & Resistance @20°C (mΩ/m)	Nominal O.D. (mm)
Single Core							
ENU4TUVB	SDI	Black	4	(-40 ± 2.0°C × 16h)	120°C	5.09	5.5
ENU6TUVB	SDI	Black	6	(-40 ± 2.0°C × 16h)	120°C	3.39	6.10
ENU10TUVB	SDI	Black	10	(-40 ± 2.0°C × 16h)	120°C	1.95	7.20
FIG 8							
ENUF8TUV4B	FIG 8	Black	4	(-40 ± 2.0°C × 16h)	120°C	5.09	11.30
ENUF8TUV6B	FIG 8	Black	6	(-40 ± 2.0°C × 16h)	120°C	3.39	12.50
ENUF8TUV10B	FIG 8	Black	10	(-40 ± 2.0°C × 16h)	120°C	1.95	14.70

Please Note

Please consult with your Electrician / Engineer to ensure this cable is suitable for the intended application and installation.

Elcon Cables takes every precaution to ensure the information in this publication is correct but accepts no liability of any kind and reserves the right to change any detail in this catalogue without notification.

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