

Cabling

SE40XLPOTPEU TÜV Photovoltaic Cable (4.0mm²)

Design & Construction Data

Conductor

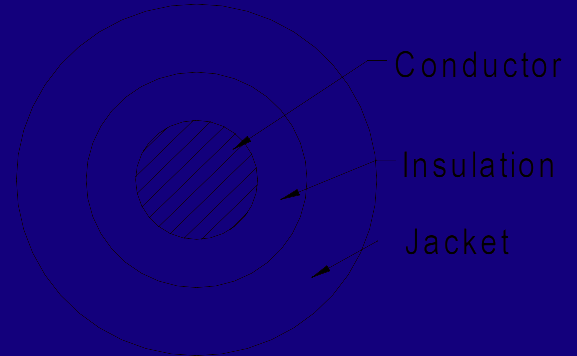
Number of Cond.	1
Material	Tinned Copper Wire
Construction	50 / 0.25

Insulation

Material	XLPO
Nominal Thickness	0.73mm
Nominal O.D.	3.5mm±0.15mm
Color	White

Jacket

Material	TPE-U
Nominal Thickness	0.95mm
Nominal O.D.	5.40mm±0.20mm
Color	1-Black; 2-Red; 3-Blue; 4-Yellow



Physical & Electrical Performance

Spark Test	3.0kV (for insulation)
Minimum Insulation Resistance	100 Mohm X km

	Aging Test	Tensile Strength (minimum)	Elongation (minimum)
Insulation	Un-aged	1.05kg / mm ²	150%
	Aging (121°C X 168h)	70%	70%
Jacket	Un-aged	1.05kg / mm ²	150%
	Aging (121°C X 168h)	70%	70%

Dielectric Strength	5.0kV / 1min
Flame Test	Horizontal Flame
UV Resistance	According to International Standard
O-Zone Resistance	According to International Standard
Oil Resistance	According to International Standard
Flexibility at Low Temp. (-25°Cx4h)	No Crack
Current Rating	42A
Operating Temperature	-40°C ~ +90°C



The cable is Halogen Free and complies with the RoHS Directive

“bringing renewable
& efficient alternatives
to home environments”

BREATHE
SYSTEMS®

www.breathesystems.com

Switzerland +41 44 586 77 00 | UK +44 121 288 8383 | USA +1 646 217 0888 | Hong Kong +852 8197 2777 | Australia +61 7 3103 3357

specifications are subject to change without notice