



H1Z2Z2-K

Halogen free UV-resistant cable for solarpanel installations

Specification

STANDARD	EN 50618
APPROVALS	EN 50618, TÜV
RATED VOLTAGE UO/U	AC 1kV / DC 1,5kV
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Tinned Copper
CORE INSULATION	LSZH, thermoplastic rubber
OUTER SHEATH	LSZH, thermoplastic rubber
BENDING RADIUS FIXED	6 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+90°C
TESTING VOLTAGE	5000V
MAX TEMPERATURE AT CONDUCTOR	+120°C
UV RESISTANT ACC. TO	EN 50289 Method A
OZONE RESISTANS ACC	EN 50396 Method B
VATTENTAT	AD8
HALOGEN-FREE ACC. TO	EN 50525-1 Annex B

SMOKE EMISSION

IEC 61034-2

BURNING BEHAVIOR CPR

Dca-s2,d2,a1

FLAME RETARDANT

IEC 60332-1

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M	COLOUR	LENGTH	PACKAGING TYPE
0377502	1x4	5.4	6.3	Black	100 meters	Ring
0377505	1x4	5.4	6.3	Black	500 meters	Drum
0377512	1x4	5.4	6.3	Red	100 meters	Ring
0377515	1x4	5.4	6.3	Red	500 meters	Drum
0377532	1x6	6	8.6	Black	100 meters	Ring
0377535	1x6	6	8.6	Black	500 meters	Drum
0377542	1x6	6	8.6	Red	100 meters	Ring
0377545	1x6	6	8.6	Red	500 meters	Drum
0377580	1x10	7	13.6	Black	-	-