



Standard cable H1Z2Z2-K

Based on EN 50618

- **Conductor:** Class 5 (flexible) tinned copper.
- **Insulation:** Cross-linked compound LSZH.
- **Outer sheath:** Cross-linked compound LSZH.
- **Electrical performance:** 1,5/1,5 (1,8) kV in DC.
- UV Resistant & Ozone resistant.
- **Water performance:** AD7.
- **CPR (Construction Products Regulation):** E_{ca}.

EN 50618
1500V





TOPSOLAR® PV H1Z2Z2-K

Based on EN 50618 / IEC 62930 / UTE C 32-502.

- **Conductor:** Class 5 (flexible) tinned copper.
- **Insulation:** LSZH rubber > **upgraded flexibility.**
- **Outer sheath:** LSZH rubber > **upgraded flexibility.**
- **Electrical performance:** 1,5/1,5 (1,8) kV in DC.
- UV Resistant & Ozone resistant.
- **Water performance:** AD8 (submerged).
- **30 years** estimated life.
- **Thermal performance:** 120°C / -40°C.
- **Chemical & Oil resistance:** excellent.
- **CPR (Construction Products Regulation):** C_{ca}-s1b,d2,a1.
- **TÜV certificate:** Black and Red outer sheath certified.



COMPARISON CHART

EN 50618
1500V



Top Cable

	STANDAR H1Z2Z2-K	TOPSOLAR® PV H1Z2Z2-K
Standar	EN 50618	EN 50618 IEC 62930 UTE C 32-502
Voltage Rate	1,5/1,5 (1,8) kV DC	1,5/1,5 (1,8) kV DC
Conductor	Class 5 (flexible) tinned copper	Class 5 (flexible) tinned copper
Insulation	Cross-linked compound LSZH	LSZH rubber Extra-flexibility
Outer Sheath	Cross-linked compound LSZH	LSZH rubber Extra-flexibility
UV resistant	Yes	Excellent
Ozone resistant	Yes	Yes
Water performance	AD7	AD8
Sand abrasion	-	Excellent
Colors available	Black, Red	Black, Red
CPR Construction Products Regulation	Eca	Cca
Certificates	Not defined	TÜV (Black and Red CERTIFIED)