



PT SUPREME CABLE

MANUFACTURING & COMMERCE Tbk

(PT SUCACO Tbk)



PHOTOVOLTAIC SOLAR CABLE

H1Z2Z2-K 1500 V DC

IEC 60228, BS EN 50618, IEC 60332-1

Main Uses : in used as Photovoltaic cable between solar modules and inverters, solar cable intended for the interconnection with in photovoltaic systems such as solar panel arrays. Suitable for fixed installations, internal and external, within conduit or systems, but not direct burial applications. For installations where fire, smoke emissions and toxic fumes create a potential risk to life and equipment.



CONSTRUCTIONS

Conductor

Tinned fine stranded copper conductor according to IEC 60228, Flexible Class 5

Insulation

Cross-linked halogen-free
Colour : Natural

Outer Sheath

Cross-linked halogen-free Flame retardant
Colour : Red or Black, *)
*) Other colour available upon request

CHARACTERISTICS

Voltage (U_0/U)

AC : 1000/1000 V
DC : 1500 V

Max. Voltage (U_{max}) : 1800 Vdc (Conductor/ Conductor)

Test Voltage

AC : 6.5 kV / 5 Min, 50 Hz

Temperature

Ambient temperature : - 40°C Up to + 90°C
Max. temperature : 120°C (For 20,000 h)

Bending Radius

Fixed installation : > 5 x Overall diameter (\emptyset)
Flexing : > 10 x Overall diameter (\emptyset)