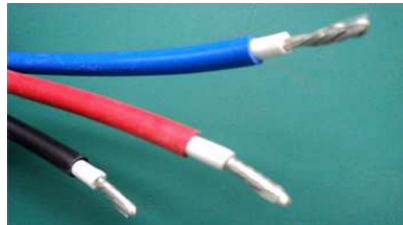


PHOTOVOLTAIC CABLE (PV1-F)



Construction

- Conductor – Tinned Annealed Copper
- Insulation and Jacket – Crosslinked Polyolefin
(Jacket color : Black , Red or Blue)

Application

used for interconnection wiring of photovoltaic power systems

Marking

BANGKOK CABLE PV1-F ... SQ.MM. 0.6/1kV TUV APPROVE 2
Pfg 1169 For photovoltaic System

Features

- Halogen free
- Flame retardant
- UV-resistant
- Oil & Fuel resistant

Product Characteristic

- Temperature range -40~90 °C
- Rate Voltage AC U0/U 0.6/1.0 kV DC 1.8 kV
- Maximum conductor temperature 120 °C

Conductor			Insulation thickness	Sheath thickness	Overall diameter	Maximum conductor resistance	Weight	Rated current	Standard length
Size	Construction	Diameter							
(mm ²)	(no./mm)	Approx. (mm)	nominal (mm)	nominal (mm)	approx. (mm)	(at 20 °C) (ohm/km)	approx. (kg/km)	(A)	(m/coil)
2.5	47/0.26	2.0	0.7	0.8	5.0	8.21	45	41	200
4	48/0.30	2.4	0.7	0.8	5.4	5.09	60	55	200
6	77/0.30	3.5	0.7	0.9	6.7	3.39	90	70	100
10	80/0.40	4.8	0.8	1.0	8.4	1.95	150	98	100
16	126/0.40	5.9	0.8	1.0	9.5	1.24	215	132	100
25	196/0.40	7.4	0.8	1.0	10.9	0.795	310	176	100

Approval : TUV Rheinland approval according to 2 Pfg 1169/08.2007 certification No. R 50135463