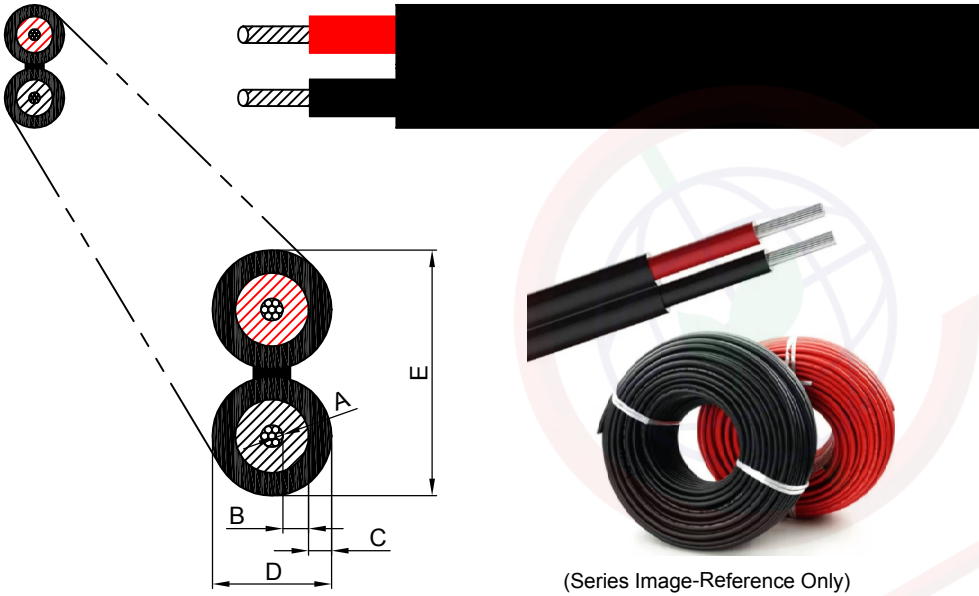


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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	JLZ 09/06/23'		



(Series Image-Reference Only)

Core*Cross section(mm ²)	Conductor construction Dim A(No./mm)	Insulation Thickness Dim B(mm)	Jacket Thickness Dim C(mm)	Cable OD Dim D*E(mm)	Max Cond Resistance (Ω/km,20°C)	Current carrying Capacity AT 60°C(A)
2x1.5	30/0.25	0.70	0.80	5.0*10.3	13.7	30
2x2.5	49/0.25	0.70	0.80	5.2*10.8	8.21	41
2x4.0	56/0.285	0.70	0.80	5.5*11.2	5.09	55
2x6.0	84/0.285	0.70	0.80	6.2*12.5	3.39	70
2x10	84/0.4	0.70	0.80	7.5*15.2	1.95	98
2x16	128/0.4	0.70	0.80	9.6*19.7	1.24	132

Notes:

Product Description:

Conductor: Tinned copper, according to VDE0295/IEC60228, class 5.
 Insulation: Polyolefin copolymer electron-beam cross-linked.
 Jacket: Polyolefin copolymer electron-beam cross-linked.
 Rated voltage: AC U₀/U=1000/1000VAC, 1500VDC.
 Voltage test on finished cable: 6.5kV AC, 15kV DC, 5min
 Ambient temperature: (-40°C up to +90°C).
 Max. Temperature at conductor: +120°C.
 Service life>25years: (-40°C up to +90°C) .
 The permitted short-circuit-temperature: 200°C, 5 seconds.
 Bending radius: ≥4xφ (D < 8mm) ;≥6xφ (D≥8mm).
 Acid and alkali resistance test: EN60811-2-1.
 Cold bending test: EN60811-1-4.
 Damp heat test: EN60068-2-78.
 Sunlight resistance: EN60811-501, EN50289-4-17.
 O-zone resistance test of finished cable: EN50396.
 Fire test: EN60332-1-2.
 Smoke density: IEC61034, EN50268-2.
 Assessment of halogens for all non-metallic material: IEC670754-1 EN50267-2-1.

Product Number Code:

DS1162-28 - X X X X X

- Temperature at conductor 120:120°C
- Jacket Colour B:Black R:Red
- Copper plating 6:Tin
- Packing type R:Reel
- Cable size 2x1.5 2x2.5 2x4.0 2x6.0 2x10 2x16

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	TUV PV1-F Double Parallel Photovoltaic Line Photovoltaic Line Solar Photovoltaic DC Line
X.	±0.60	X.	±5°	UNITS	mm	SHEET SIZE	A4
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1162-28 SERIES
.XX	±0.25	.XX	±2°	晨翔电子有限公司 CONNELY CONNELY ELECTRONIC CO. LTD			
DRAWING TYPE		CUSTOMER					
SCALE	1:1	SHEET	1 OF 1				
DRAWING NO.		C-DS1162-28-XXXXX-A					

1 2 3 4 5 6 7 8