

## DESCRIPTION

Multi-core flexible cable application to most of the regions, such as robot systems, automatic handling, equipments need to move back and forth frequently.

- High mechanical performance
- Excellent weather ability
- Good resistance against chemicals
- Resistant to oil
- Resistant to distortion

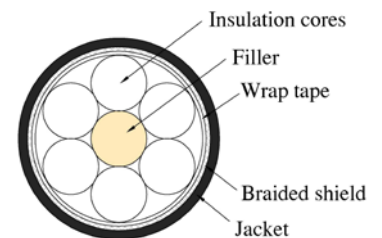
6x1.0mm<sup>2</sup> Bare Copper Shield 300V/500V

## STANDARDS

Ref. EN 50264-1, EN 50264-3-2, IEC 60228, IEC 60332-1-2  
ROHS 2011/65/EU

## CABLE CONSTRUCTION

Conductors	Stranded bare copper
Nom. size	1.0mm <sup>2</sup>
Stranding	56/0.15mm
Nom. Dia.	1.3mm
Insulation	XL Polyolefin
Min. Avg. Thickness	0.4mm
Color	Colors or black with numbered
Nom. OD.	2.25mm
Final Assembly	6*Insulation cores+filler
Wrap type	25% Overlap
Shield type	Tinned copper braided
Coverage	Min. 80%
Jacket	XL Polyolefin
Min. Avg. Thickness	0.8mm
Color	Black
Nom. O.D.	9.3mm



## PRINT LEGEND

BYSON ELECTRONICS TEEP 6X1.0mm<sup>2</sup> 300/500V 90°C LSZH

## ELECTRICAL CHARACTERISTICS (at +20°C)

Min. Insulation Resistance	100MΩ.km
Voltage Withstand	2000VAC/5min
Max. Conductor DC Resistance	19.5Ω/km

## OTHER CHARACTERISTICS

Voltage Rating	300/500V
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Working Temperature	-40°C ~90°C
Min. installation and handing	-15°C
Flammability	IEC 60332-1-2

## HISTORY

Jun. 1, 2016 First Issue

Draft