



MEDIUM CABLE SET SPECIFICATIONS



DATASHEET

BYD Medium Cables

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1. PART LIST

No.	Name	Description	Quantity	Unit	Cutting line length	Remark
A	Wire	EV 25MM2 798/0.2 -40~125°C 1500V OD:10mm	2	PCS		AMG
B	Conn	True North Black Female: PSRP6XA25A	2	PCS		
C	Conn	True North Red Female: PSRP6XA25A	2	PCS		
D	Wire	CAT.5e S-FTP24AWG*4P(STR) OD:5.8MM	1	PCS		FY
E	Crystal head	IRJ45-8P8C Crystal Head with Iron Shell Gold Plated FU	2	PCS		
F	GUM	Black PVC Compound 45P	13	G		
I	Bag	Self-sealing PE bag 0.05mm*L200mm*W200mm punch	4	PCS		BLH
J	Wire	R type bare terminal D6.4mm KST:RNBS10-6	2	PCS		
K	Cable Ties	White nylon east cable line W3. 0*L150mm	2	PCS		
L	Casing	Black Heat Shrink Sleeve OD:15.0mm L=25mm	1	PCS		
M	Wire	Yellow-green ground wire 25mm2 1500V	4	PCS		

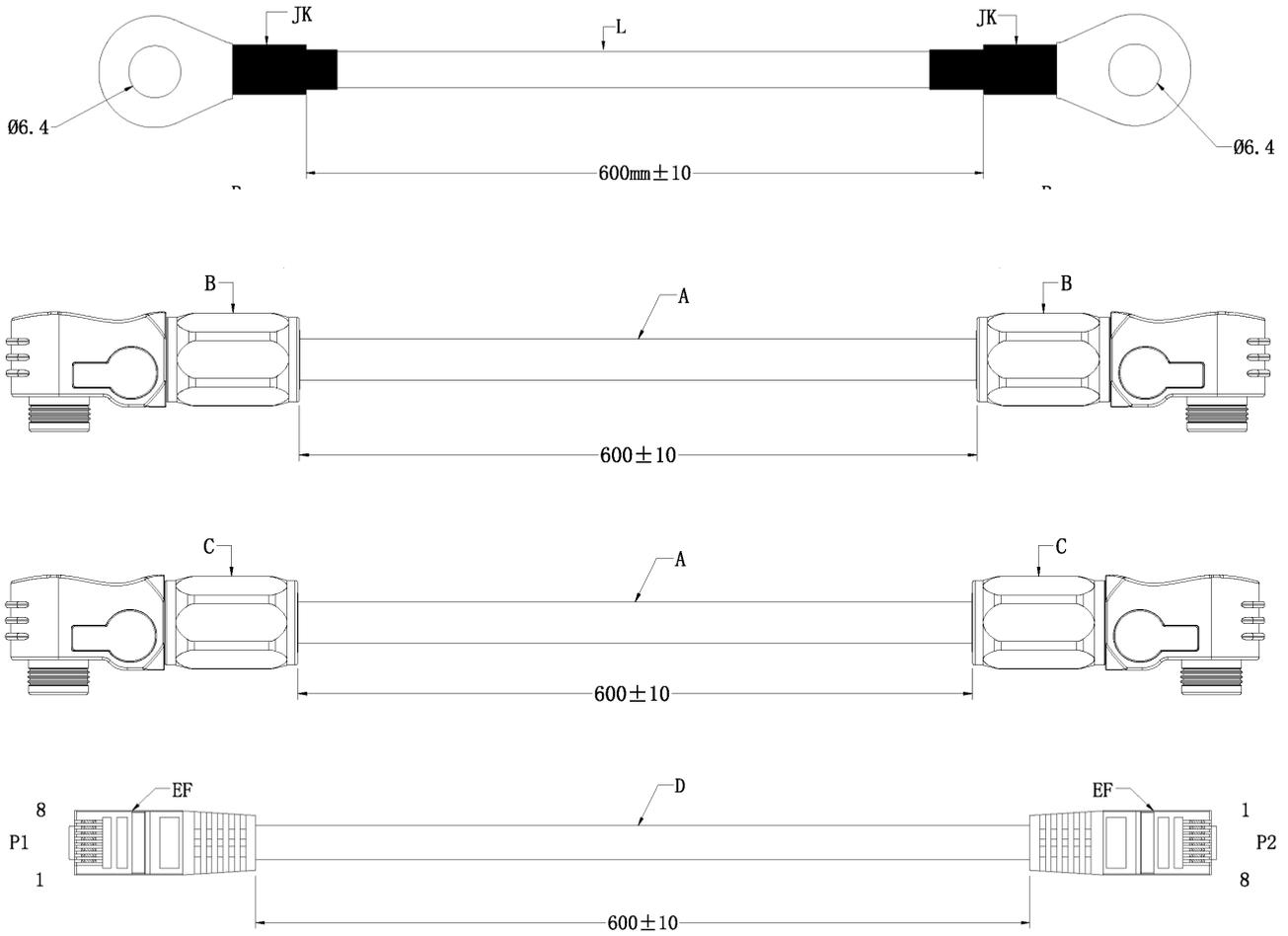
2. TECHNICAL REQUIREMENTS

1. The plugs and terminals should not be deformed, the surface should be free from damage, burrs and sharp corners, and the coating should be uniform without stacking and blank peeling;
2. The connection between the terminal and the wire should be firm, without dislocation, open circuit, short circuit, and the conduction yield is 100%;
3. It should not be damaged and disengaged under the specified tensile force, and its tensile force value should not be less than: the tensile force of the wire cross-sectional area of 6AWG is greater than 500N;
4. The terminal is crimped with special tools, and the crimping tension and section need to be inspected for the first time. Refer to the standard “QC/T 29106-2014 Technical Conditions for Automotive Low-Voltage Wire Harness”;
5. Other requirements refer to the standard “QCT 29106-2014 Technical Conditions for Automotive Low-Voltage Wiring Harness”;
6. The cable withstand voltage test is connected to 600V AC voltage, and the leakage current is less than or equal to 5mA;

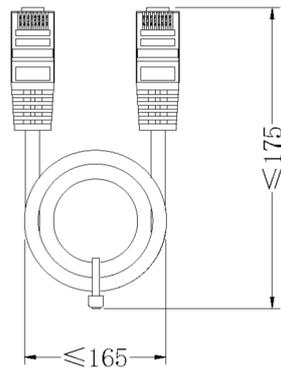
- 7. All materials must comply with ROHS requirements;
- 8. All materials need to meet UL standards.

3. COMPONENTS DIMENSIONS

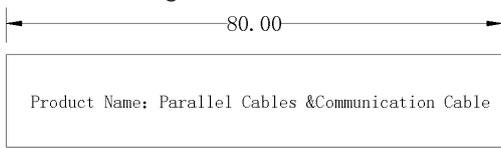
All dimensions presented are in mm.



Wiring Table		
P1	Color	P2
8	Brown	8
7	Brown-White	7
6	Green	6
5	Blue-White	5
4	Blue	4
3	Green-White	3
2	Orange	2
1	Orange-White	1

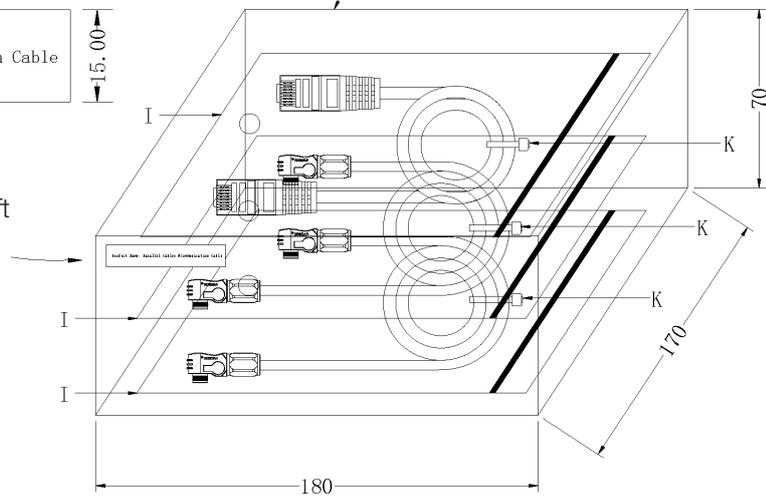


Inner box sticker: black text on white background



affixed to the upper left corner of the carton

J (one cable tie for each of the three lines, one PE bag for each / one carton in total)



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