

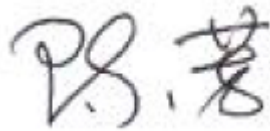
TEST REPORT

NO: TJFR19001

NAME OF THE PRODUCT: PH30 FIRE RESISTANT CABLE

TYPE OF THE PRODUCT: 2C x 1.00mm²

REPORT DATE: 2019-03-18



PREPARED BY: _____

TECHNICAL WRITER



APPROVED BY: _____

QC MANAGER

PRODUCT NAME	PH30 Fire Resistant Cable	MODEL	2C x 1.00mm ²
INSPECTION STANDARD	BS EN 50200: 2006	TEMPERATURE	20°C
RELATIVE HUMIDITY	60%	SAMPLE QTY	500m/reel * 3
TEST DATE	2019-03-18		

PHYSICAL SPECIFICATIONS JACKET					
Test Parameters	Specifications	Test Results Conclusion			Conclusion
Marking/printing	Fire Resistant Cable PH30 2Cx1.00mm ² According to BS EN 50200: 2006 001M- 500M	Fire Resistant Cable PH30 2C x 1.0mm ² According to BS EN 50200: 2006 001M- 500M			Pass
Color	Red	Red	Red	Red	Pass
Physical Appearance	Surface smooth, without any physical damage	Good	Good	Good	Pass
Length of the reel (m)	500	500	500	500	Pass

Material	FR-LSZH	Yes	Yes	Yes	Pass
Diameter (mm)	6.)±0.20	5.96	5.89	6.03	Pass
Thickness (mm)	≥0.70	0.72	0.71	0.72	Pass

INSULATION					
Test Parameters	Specifications	Test Results			Conclusion
Color	Brown & Blue	Brown & Blue	Brown & Blue	Brown & Blue	Pass
Physical Appearance	Surface smooth, without any physical damage	Good	Good	Good	Pass
Material	Silicon Rubber	Yes	Yes	Yes	Pass
Diameter (mm)	2.2±0.10	2.18	2.17	2.22	Pass
Thickness (mm)	≥0.55	0.57	0.56	0.58	Pass
Shielding	AL/PET	Yes	Yes	Yes	Pass
Drain Wire	0.8mm Tinned Copper	0.8mm TC	0.8mm TC	0.8mm TC	Pass

CONDUCTOR					
Test Parameters	Specifications	Test Results			Conclusion
Physical Appearance	Surface smooth, without any physical damage	Good	Good	Good	Pass
Diameter (mm)	30 x 0.2±0.01	30 x 0.2	30 x 0.2	30 x 0.2	Pass
DC Resistance @20°C	≤26 Ω/km	25.5	25.5	25.5	Pass

FIRE TEST					
Test Parameters	Specifications	Test Results			Conclusion
Fire Resistance	The resistance to fire according to BS EN 50200: 2006, method of test: continued burning 30 mins at 830°C (+40 – 0) °C	Light on	Light on	Light on	Pass

Test Photograph



Tested By: 陈.芳
Technical Writer

Approved By: 李良双
QC Manager