

FURUTECH CO., LTD.

POWER CABLE FP- α 3

DT-030620

1. Construction and Material

Item		Specification
Conductor	Material	α (Alpha) conductor
	Construction(pcs / mm)	49/0.32
	Diameter (mm)	2.50
Insulation	Material	Irradiated PE(Red、 Natural、 Yellow)
	Nom. Thickness (mm)	1.25
	Diameter (mm)	5.0
Twisting	Method	3 Cores Twisted Together
Inner Sheath	Material	Flexible PVC (Dark Green)
	Diameter (mm)	12.0
Sheath	Material	Flexible PVC (Dark Green)
	Nom. Thickness (mm)	1.5
Overall Diameter (mm)		15.0
Marking :		
<i>FURUTECH</i> Alpha Series FP- α 3 Power Supply Cable  <i>FURUTECH</i> CABLE		

2. Electrical Properties

Item	Specification	Test Method
Max. Conductor Resistance Ω / km	5.2	JISC3005 6 20°C
Min. Insulation Resistance $M\Omega \cdot km$	2500	JISC3005 9.1 20°C
Dielectric Strength V / 1 min.	AC 3000	JISC3005 8

※ α (Alpha) conductor : The fine PCOCC wire twisted around the central μ -conductor stands and treated by α (Alpha) process.

Cross Sectional View

