

FURUTECH CO., LTD.

POWER CABLE FP-3TS20

DT-962013

1. Construction and Material

Item		Specification
Conductor	Material	α (Alpha) conductor(2 Type stranding)
	Construction(pcs/mm)	56/0.18 (central) + 29/0.18 (outside)
	Diameter (mm)	1.93
Insulation	Material	PE(Red、Natural、Yellow)
	Nom. Thickness (mm)	0.8
	Diameter (mm)	3.53
Twisting	Method	3 Cores Twisted Together
Inner Sheath	Material	Flexible PVC (Black)
	Diameter (mm)	9.6
Shield	Material	0.12 α (Alpha) conductor wire Braid
Sheath	Material	Flexible PVC (Dark Blue)
	Nom. Thickness (mm)	1.5
Overall Diameter (mm)		14.3
Marking :		
FURUTECH PCOCC Series POWER SUPPLY Cable FP-3TS20 ➡ ➡ ➡ FURUTECH CABLE <PS> E		

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

2. Electrical Properties

Item	Specification	Test Method
Max. Conductor Resistance Ω/km	8.0	JISC3005 6 20℃
Min. Insulation Resistance $\text{M}\Omega \cdot \text{km}$	1000	JISC3005 9.1 20℃
Dielectric Strength $\text{V}/1 \text{ min.}$	AC 1000	JISC3005 8

3. Cross Sectional View

