

FURUTECH CO., LTD.

POWER CABLE FP – 3TS762

DT-041220

1. Construction and Material

Item		Specification
Conductor	Material	α (Alpha) conductor
	Construction(pcs/mm)	7X35/0.16
	Diameter (mm)	3.5
Insulation	Material	PE(Red、Natural、Yellow)
	Nom. Thickness (mm)	0.85
	Diameter (mm)	5.2
Twisting	Method	3 Cores Twisted Together
Inner Sheath	Material	Flexible PVC (Black)
	Diameter (mm)	12.0
Shield	Material	α (Alpha) conductor
	Construction(pcs/mm)	0.12 α (Alpha) conductor wire Braid
Sheath	Material	Flexible PVC (dark Green)
	Nom. Thickness (mm)	1.5
Overall Diameter (mm)		15.5
Marking :		
FURUTECH μ -OFC POWER SUPPLY Cable FP-3TS762 <PS>E ➡ ➡ ➡ FURUTECH CABLE		

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

2. Electrical Properties

Item	Specification	Test Method
Max. Conductor Resistance Ω/km	2.4	JISC3005 6 20℃
Min. Insulation Resistance $\text{M}\Omega \cdot \text{km}$	2500	JISC3005 9.1 20℃
Dielectric Strength $\text{V}/1 \text{ min.}$	AC 3000	JISC3005 8

3. Cross Sectional View

