


# FURUTECH CO., LTD.

POWER CABLE FP-314Ag

DT-930119-II

## 1. Construction and Material

Item		Specification
Conductor	Material	(Alpha)Conductor + Silver Plated (Alpha)Conductor
	Construction (pcs/mm)	Silver Plated $\alpha$ (Alpha) Conductor 37/0.25 X 2C (Red/White) ; $\alpha$ (Alpha) Conductor 37/0.25 X 1C (Green)
	Diameter (mm)	1.93
Insulation	Material	High-density P.E.( Red 、 Yellow 、 Natural)
	Nom. Thickness (mm)	0.8
	Diameter (mm)	3.43
Twisting	Method	3 Cores Twisted Together
Inner Sheath	Material	Flexible PVC (Black)
	Diameter (mm)	9.3 $\varnothing$
Shield	Method	0.12mm $\varnothing$ (Alpha)Conductor Wire Braid
Sheath	Material	Flexible PVC (Brown)
	Nom. Thickness (mm)	1.5
Overall Diameter	(mm)	12.9 $\varnothing$
Marking : <PS>E JET FURUTECH $\mu$ - Ag OFC Series Power Supply Cable FP-314 Ag -II 		

-Conductor : The fine Silver Plated  $\mu$  -OFC conductor &  $\mu$  -OFC wire stands and treated by  $\alpha$  (Alpha) process.

## 2. Electrical Properties

Item	Specification	Test Method
Max. Conductor Resistance $\Omega$ /km	10.0	JISC3005 6 20°C
Min. Insulation Resistance $M\Omega \cdot km$	1000	JISC3005 9.1 20°C
Dielectric Strength V/1 min.	AC 1000	JISC3005 8

## 3. Cable construction & Cross Sectional View

