



Product Data Sheet

CAT5E FTP STRANDED CONDUCTOR PVC

Description



CAT5E FTP Stranded Conductor PVC	EC-08-005
----------------------------------	-----------

4 twisted pairs surrounded by a Polyester foil and a single drain wire with an Aluminium-Polyester foil. The outer jacket is available in both PVC and LSOH. Uses the same termination tool for UTP versions.

Attenuation

Conductor	Bare Stranded Copper 0.48mm
Insulator	Polyester 0.95mm
Stranding	2 cores per pair
Cable Lay	4 twisted pairs per cable
Overall Shield	Aluminium-coated plastic film 26AWG
Sheath	PVC



Product Data Sheet

CAT5E FTP STRANDED CONDUCTOR PVC

Description

Minimum Bending Radius	≥40 mm
Operating Temperature	0°C bis + 50°C
DC resistance	≤ 260Ω/Km
insulation resistance	≥2000MΩ*km
capacitance	Nom. 48 nF/km @800Hz
capacitance per pair	≤1500pF/Km
impedance	100±5Ω@100MHz
Nominal velocity of propagation	67%
Propagation delay	≤535 ns/100m
Test Voltage	1000V