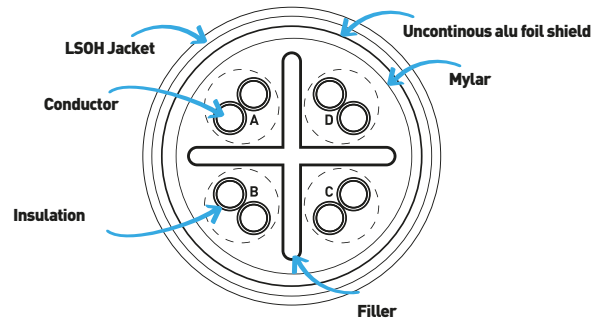


# INDOOR LAN CABLE

## FTP CAT6A - 100m

CM-039-CPR

Jacket <b>LSOH</b>	Type <b>FTP</b>	Core <b>COPPER</b>
Category <b>6A</b>	Length <b>100m</b>	Tested up to <b>500MHz</b>
Certified <b>CPR</b>	Conductor <b>23 AWG</b>	



### Conductor

Conductor	Pure copper
Size	23 AWG

### Insulation

HDPE Dielectric Diameter	$\varnothing 1.1 \pm 0.08\text{mm}$
Material	HDPE

### Jacket

Jacket Diameter	$6.5\text{mm} \pm 0.5\text{mm}$
Color	Light gray
Material	Low Smoke Zero Halogen (LSOH)
Jacket Thickness	0.6mm
Surface	Smooth

### Technical Data

Temperature & voltage rating	$-20^{\circ}\text{C}$ to $75^{\circ}\text{C}$ / 300V
Conductor DC resistance	$\leq 9.8\Omega / 100\text{m}$
Resistance unbalance	$\leq 4\%$
Dielectric strength	1.5 KV ac for 2s

### Application

Structure cabling for horizontal and building backbone cable
Transmission of digital and analogue for data, video and audio applications
IEEE 802.3an 10GBASE-T and Legacy speeds