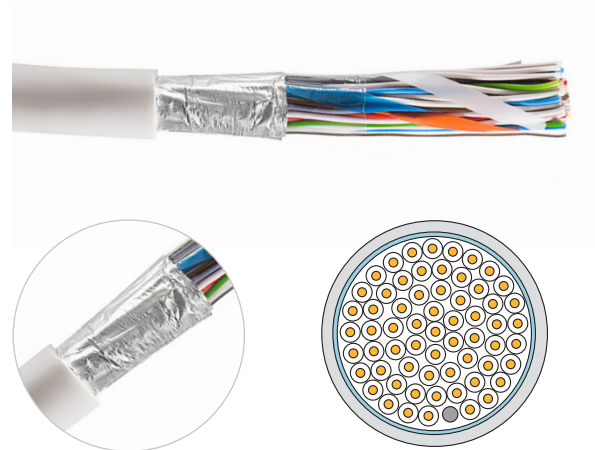


Multipair telephone cable, 25x2x0,5, Euroclass F_{ca}

P/N: SYKFY25



Features

- cable shielded with AL/PET foil, PVC sheath
- suitable for indoor backbone voice network
- enables transmission of all analog and digital voice protocols excluding IP telephony

Application

- primary (Campus), secondary (Riser)

Construction

Conductor	bare copper wire, Ø 0,5 mm
Insulation	foamskin polyethylene, Ø 0,9 mm
Number of pairs	25x2
Twisting	2 cores to the pair
Color labling of cores	EN 60446
Sheath	PVC, gray RAL 7035
Outer cable diameter	11 mm

Reaction to fire and flame resistance

Reaction to fire	F _{ca}	
	flame retardancy	IEC 60332-1-2
Fire safety	smoke performance	—
	halogen acidity	—

Mechanical properties

Min. bending radius	installation	110 mm
	operation	45 mm
Temperature range	installation	-5°C to +50°C
	operation	-30°C to +70°C
Cu		97 kg/km
Weight		174 kg/km

Electrical properties at 20°C

Loop resistance	$\leq 195,6 \Omega/\text{km}$
Resistance unbalance	$\leq 2 \%$
Insulation resistance	$\geq 500 \text{ M}\Omega \times \text{km}$
Capacity	nom. 120 nF/km
Capacity unbalance	$\leq 400 \text{ pF}/500 \text{ m}$