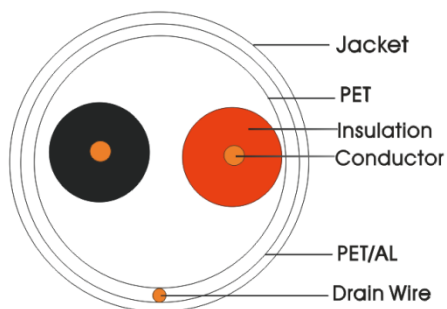


PRODUCT DIAGRAM



CABLE DESCRIPTION

No of Code		Specification	
CONDUCTOR	Material	Solid Bare Copper	
	Nom. Φ of wires	1.02mm	
	Min. and Max Φ of wires in one point	1.015/1.025mm	
INSULATION	Material	FRPVC	
	Thickness	>0.39mm	
	Diameter	1.8mm	
	Color code	Black/Red	
SHIELDING	Material	Overall Aluminum/Polyester foil(uncolored)	
	Stranded TC drain wire	0.22mm ² (7x0.20mm)	
	Coverage	>100%	
RIP CORD	Material	White synthetical fibers	
OUTER SHEATH	Material	FRPVC	
	Thickness	Around 0.60mm	
FLAME BEHAVIOUR	Flame retardant, According to CMR Class	Minimum bending radius	10x Φ

ELECTRICAL DATA

PARAMETER	UNIT	VALUE
Nominal voltage U°/U	V	300/500
Test voltage(1 min./50Hz)	V	2000
Max. electrical resistance at 20°C	Ω /km	22.0
Min. insulation resistance at 20°C	M Ω /km	9.0

ORDERING INFORMATION

Part No	Description
VCCFRS181PV	Vivanco Fire Alarm Cable Shielded 18AWG 1 pair FRPVC