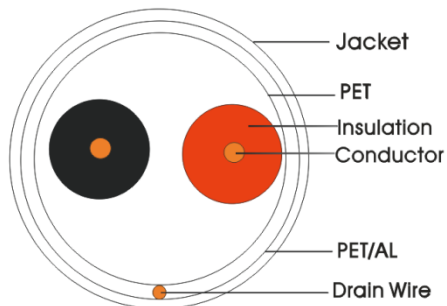


PRODUCT DIAGRAM



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 Control Cable Shielded 18AWG 1 Pair FRPVC