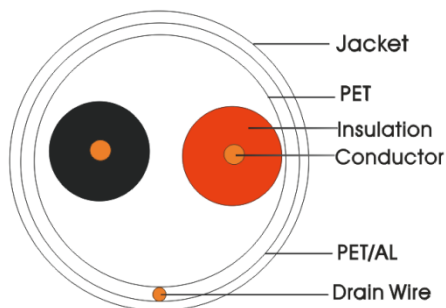


PRODUCT DIAGRAM



CABLE DESCRIPTION

No of Code		Specification
CONDUCTOR	Material	Solid Bare Copper
	Nom. Φ of wires	1.29mm
	Min. and Max. Φ of wires in one point	1.285/1.295mm
INSULATION	Material	FRPVC
	Thickness	>0.46mm
	Diameter	$\Phi=2.2$ mm
	Color	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	LSZH
	Thickness	around 0.70mm
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	13.8
Min. insulation resistance at 20°C	M Ω /km	7.7

ORDER INFORMATION

Part No	Description
VCCFRS161PV	VIVANCO Control Cable Shielded 16AWG 1 Pair FRPVC