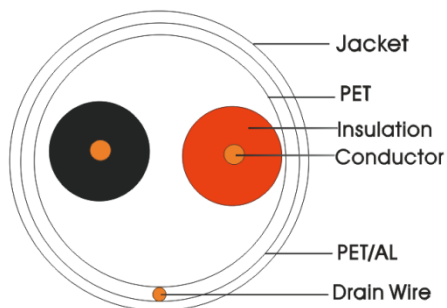


PRODUCT DIAGRAM



CABLE DESCRIPTION

No of Code		Specification	
CONDUCTOR	Material	Solid Bare Copper	
	Nom. $\Phi$ of wires	1.29mm	
	Min. and Max. $\Phi$ 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 <sup>2</sup> (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 $\Phi$

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	$\Omega$ /km	13.8
Min. insulation resistance at 20°C	M $\Omega$ /km	7.7

ORDERING INFORMATION

Part No	Description
VCCFRS161PV	VIVANCO Fire Alarm Cable Shielded 16AWG 1 pair FRPVC