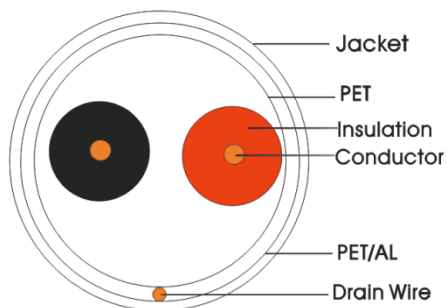


PRODUCT DIAGRAM



CABLE DESCRIPTION

No of Code		Specification	
CONDUCTOR	Material	Solid Bare Copper	
	Nom. $\Phi$ of wires	1.63mm	
	Min. and Max. $\Phi$ of wires in one point	1.625/1.635mm	
INSULATION	Material	FRPVC	
	Thickness	>0.40mm	
	Diameter	2.5mm	
	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	FRPVC	
	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	8.6
Min. insulation resistance at 20°C	M $\Omega$ /km	6.8

ORDERING INFORMATION

Part No	Description
VCCFRS141PV	VIVANCO Control Cable Shielded 14AWG 1 Pair FRPVC