

# SERIE FRHRR

Fire resistant cables

UNI 9795:2013 EN 50200 PH 120 IEC 332.3C

EN 50267 CEI 20-105V1 CEI 60332-3-25



Rev. 12 October 2013



## Construction and Dimensions

	materials
<b>A. Conductors</b> : Stranded annealed copper wires	<b>Cu</b>
<b>B. Flame protection</b> : Glass tape	<b>Mica</b>
<b>C. Insulation</b> : Reticulate polymer	<b>XLPE</b>
<b>D. Tape</b> : Mylar polyester tape wrapped around the cores	<b>Pet</b>
<b>E. Drain wire</b> : Copper 7 x 0,19 mm	<b>Cu</b>
<b>F. Screen</b> : Aluminium/Polyester tape	<b>AlPet</b>
<b>G. Sheath</b> : DURAFLAM® Low Smoke Zero Halogens	<b>LSZH</b>

## CHART

Part number	cable core	nominal cross sectional area	overall diameter	weight	DC resistance	Uo/U	Uo
		mm <sup>2</sup>	mm	kg/Km	Ω/km	V	V
<b>FRHRR 2050</b>	2x0,50	0,50	6,1	47,5	37,7	100/100	400
<b>FRHRR 2075</b>	2x0,75	0,75	6,7	59,2	24,6	100/100	400
<b>FRHRR 2100</b>	2x1,00	1,00	7,3	71,0	18,9	100/100	400
<b>FRHRR 2150</b>	2x1,50	1,50	8,2	90,1	13,2	100/100	400
<b>FRHRR 2250</b>	2x2,50	2,50	9,4	123,1	7,9	100/100	400
<b>FRHRR 4050</b>	4x0,50	0,50	7,2	70,2	37,7	100/100	400
<b>FRHRR 4075</b>	4x0,75	0,75	8,0	89,0	24,6	100/100	400
<b>FRHRR 4100</b>	4x1,00	1,00	8,8	109,1	18,9	100/100	400
<b>FRHRR 4150</b>	4x1,50	1,50	9,8	142,3	13,2	100/100	400
<b>FRHRR 4250</b>	4x2,50	1,50	11,2	205,5	7,9	100/100	400

Lay lenght : ≤ 100 mm

Capacitance
C = 60 pF/m

Loop inductance
L = 660 nH/km

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# BETACAVI

## COAXIAL AND SPECIAL CABLES MANUFACTURING