



ST 257

Rev.3

07VV-U - BLYFRI
CPR Reaction to Fire EcaRedatto:
25/02/2020Approvato:
25/02/2020

Ref.: Quintax

DESCRIZIONE: Cavo per energia isolato in PVC sotto guaina di PVC, non contenente piombo .
DESCRIPTION: Power cable, with PVC insulation and PVC sheath, lead free.

Conduttore: Corda rigida di rame rosso ricotto a filo unico, classe 1
Conductor: Plain copper solid conductor, class 1

Isolamento: Mescola di PVC di qualità TI1, esente da piombo.
Insulation: PVC compound TI1 quality, lead free.

Riempitivo: Mescola di materiale non igroscopico esente da piombo.
Filler: Non-hygroscopic compound, lead free.

Guaina: Mescola di PVC di qualità TM1, esente da piombo.
Sheath: PVC compound TM1 quality, lead free.

Colore anime: 3G: Blu, marrone, giallo/verde - 4G: Nero, marrone, giallo/verde, grigio - 5G: Blu, marrone, giallo/verde, grigio, nero
Cores colour: 3G: Blue, brown, yellow/green - 4G: Black, brown, yellow/green, grey - 5G: Blue, brown, yellow/green, grey, black

Colore guaina: Grigio RAL 7044
Sheath colour: Grey RAL 7044

CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

Tensione nominale U₀/U / Nominal voltage U₀/U: 450/750 V

Temperatura massima di esercizio / Maximum operating temperature: 70°C

Temperatura massima di corto circuito / Maximum short circuit temperature: 160°C

Sforzo massimo di trazione / Maximum tensile stress: 50 N/mm²

Classe CPR:
Reaction to fire: Eca

Normativa:
Harmonized Standard: EN 50575:2014 + A1:2016

DoP N°: 1029/17

MARCATURA A GETTO DI INCHIOSTRO / INK-JET PRINTING:

07VV-U 450/750 V "cores-n° G cross-section" Eca BLYFRI MT. "... " CE

Filo verde/viola sotto guaina di identificazione del produttore Baldassari / Green/purple identification thread under cable sheath for Baldassari identification as manufacturer

Formazione	Ø indicativo conduttore	Spessore medio isolante	Spessore medio guaina	Ø indicativo produzione	Peso indicativo cavo	Resistenza elettrica max a 20°C
Formation	Approx conductor Ø	Average insulation thickness	Average sheath thickness	Approx production Ø	Approx cable weight	Max electrical resistance at 20°C
n° x mm ²	mm	mm	mm	mm	kg/km	ohm/km
3 G 1,5	1,4	0,80	0,90	8,3	116	12,1
3 G 2,5	1,8	0,80	0,90	9,1	155	7,41
4 G 1,5	1,4	0,80	0,90	9,0	140	12,1
4 G 2,5	1,8	0,80	0,90	10,0	190	7,41
5 G 1,5	1,4	0,80	0,90	9,9	166	12,1
5 G 2,5	1,8	0,80	0,90	11,0	226	7,41

DECLARATION OF PERFORMANCE (DoP)
N° 1029/17



• Product type	07VV-U - BLYFRI
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• Intended use	Cables for the distribution of electrical power, control and telecommunications, installed in residential buildings or other civil construction, subjected to the requirements for reaction to fire.
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• Manufacturer	Baldassari Cavi Viale Europa 118/220 55013 Lammari - Capannori (Lucca) - Italy Tel. +39 0583 43521 www.baldassaricavi.it
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• AVCP System	3
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• Harmonized Standard	EN 50575:2014 + A1:2016
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• Notified Body	NB 2479
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• Reaction to fire	E _{ca}
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• Hazardous substances	NPD
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The above mentioned product performance complies with the declared reaction of fire.
This declaration of performance has been issued, in accordance with Regulation (EU) n° 305/2011,
under the sole responsibility of the manufacturer mentioned above.

Signed on behalf of the manufacturer: R&D Responsible, Eng. Eduardo Redondo

Eduardo Redondo

Lucca, July 11th, 2017