

# BERIFLEX® CY 450/750V O.R.

Power, controls and signalling cables, pet tape and tinned copper braid shielded, low halogens emission and oil resistant.



## Legend

1. Conductor
2. Insulation
3. Screen:
4. Sheath



View the product  
on the website

## DETAILS

### Key features

For fixed indoor installation in dry or wet environments and temporarily outdoor. Not for direct burial.

### Application

Suitable for energy transport, signalling and control for connections of industrial equipment such as control panels and on-board instruments when a particular degree of protection against electromagnetic interference is required and the CPR EU 305/2011 is not required.

## TECHNICAL SPECIFICATIONS

Features	Values	Rules
Conductors:	annealed red copper	CEI EN 60228 (Table 9)
Insulation :	PVC	CEI EN 50363
Cores colour :	(>5 cores black numbered)(other colors on request)	UNEL 00722
Shield:	Pet tape	
Screen:	Braid of tinned copper	
Sheath:	PVC	CEI EN 50363
Sheath colour :	grey RAL 7001	
Flame retardant		CEI EN 60332-1-2
Low halogens emission:	(< 22%)	CEI EN 50267-2-1 - IEC 60754-1
Oil resistant:		IEC CEI EN 60811-404 CEI 20-34/0-1
DC resistance:		CEI EN 60228 (Table 9)
Rated voltage Uo/U:	450/750 V	
Max voltage :	825 V	
Testing voltage :	2500 V	
Max working temperature :	70 °C	
Short-circuit temperature :	160 °C	
Min. installation temperature :	0 °C	
Bending radius :	Ø x 8	
Max standard twisting (2x cable) :	>= 10 twist/meter	
Printing:	BERICA CAVI S.P.A. ITALY BERIFLEX CY 450/750 V OIL RES. CEI EN 60332-1-2 CE Type - Year/Lot- 00000 m	

## VARIANTS

TYPE N° x mm <sup>2</sup>	Ø MEDIUM EXTERIOR mm	MEDIUM WEIGHT kg/km	CODE
2x1	6.3	57	B0202100
3G1	6.7	72	B0203100
4G1	7.2	87	B0204100
5G1	8	107	B0205100
7G1	8.6	134	B0207100
10G1	10.7	186	B0210100
12G1	11.3	219	B0212100
14G1	12	250	B0214100
16G1	12.6	282	B0216100
18G1	13.6	320	B0218100
25G1	15.7	427	B0225100
2x1,5	7.2	72	B0202150
3G1,5	7.6	92	B0203150
4G1,5	8.2	113	B0204150
5G1,5	9.1	139	B0205150
7G1,5	10.2	188	B0207150
10G1,5	12.4	257	B0210150
12G1,5	13.1	296	B0212150
14G1,5	13.9	341	B0214150
16G1,5	14.6	381	B0216150

TYPE N° x mm <sup>2</sup>	Ø MEDIUM EXTERIOR mm	MEDIUM WEIGHT kg/km	CODE
18G1,5	15.6	428	B0218150
25G1,5	18.2	583	B0225150
2x2,5	8.4	101	B0202250
3G2,5	8.8	132	B0203250
4G2,5	9.9	174	B0204250
5G2,5	10.8	208	B0205250
7G2,5	11.9	273	B0207250
10G2,5	14.7	379	B0210250
12G2,5	15.5	442	B0212250
14G2,5	16.5	510	B0214250
16G2,5	17.6	579	B0216250
18G2,5	18.7	650	B0218250
25G2,5	21.6	873	B0225250
2x4	10.5	156	B0202400
3G4	11.3	212	B0203400
4G4	12.5	270	B0204400
5G4	13.5	324	B0205400
2x6	11.9	207	B0202600
3G6	12.6	278	B0203600
4G6	14	357	B0204600
5G6	15.5	438	B0205600

L'azienda si riserva la facoltà di modificare/adeguare senza preavviso le informazioni tecniche e dimensionali dei prodotti inseriti nel sito.