



ARCOCAVI

Technical Specific Data

Per informazioni commerciali rivolgersi a:

ARCOCAVI S.r.l.

via al Peslago, 36

23848 - Oggiono (LC)

Tel. +39 0341 576519

Fax +39 0341 579498

Email info@arcocavi.com

**LiO2Y(St)CH 300V 2x2x0,34 RST Dca
SLC034N00229574**

cable can be used for RS 232-422 and RS 485 application

Cable structure

CONDUCTOR:

Stranded **tinned** copper (7x0,25mm)

INSULATION:

Special foam skin polyethylene compound

colours: (white - brown) (green - yellow)

PAIRS ASSEMBLY:

Cores are twisted in two pairs

TOTAL ASSEMBLY:

Cores are twisted with optimal lay length

SHIELD 1:

Al/polyester tape (outside metallic layer) + tinned copper drain wire

SHIELD 2:

Tinned copper wire braid

OUTER SHEATH:

Special LSZH Low Smoke Halogen Free compound UV protected

nominal diameter: 8,2mm

colour: Brown RAL 8003

MARKING:

ARCOCAVI - LiO2Y(St)CH 300V 2x2x0,34 RST - Dca-
s1,d1,a1 - CE - UV - month/year - meter marking

Physical characteristics

TEMPERATURE RANGE:

flexible: -5°C/+70°C

fixed: -30°C/+70°C

MINIMUM BENDING RADIUS:

Flexible: 10 x O.D.

Fixed: 6 x O.D.

STANDARD REFERENCE :

IEC 60332-1 - EN 50575 - IEC 60754-2 - IEC 61034-2

CPR HARMONIZED STANDARD:

EN50575:2014 + A1: 2016

Classification: Dca acc. EN 13501-6:2014

UV resistant ISO4892-3

Electrical characteristics

RATED VOLTAGE:

300V

TEST VOLTAGE:

1200V

NOMINAL IMPEDANCE:

120Ω

NOMINAL CAPACITANCE:

cond/cond: 40nF/km

cond/cond/shield: 70nF/km

Rev:	2
Date:	18/07/2024
Compiled:	G. Stefanoni
Approved:	