



# ARCOCAVI

Per informazioni commerciali rivolgersi a:  
ARCOCAVI S.r.l.  
via al Peslago, 36  
22048 - Oggiono (LC)  
Tel. +39 0341 576519  
Fax +39 0341 579498  
Email info@arcocavi.com

## Technical Data

**ARCO - EXTRAFLEX - W**  
**EXTRA-FLEXIBLE SHIELDED CABLES**  
**FOR MEASURING SYSTEMS**  
**TYPES H1 - H3 - H4 - I3 - I6**  
**PVC - PVC**

### **A**pplication

Data transmission  
Connection for measuring systems

### **C**onstructional characteristics

**Conductor stranding:** extra-flexible class 6 acc. Standards VDE 0295 - IEC 228 - CEI 20-29

**Insulation:** special PVC compound

**Cores identification:** 1 mm<sup>2</sup>: WH - BN  
other sections: generally according DIN 47100

**EMC shield:**

types H1 - I3 - I6

tinned copper braid on total - coverage  $\geq$  85%

types H3 - H4

tinned copper braid on total coverage  $\geq$  85%

on pairs and on conductors: tinned copper spiral coverage 100%

**Taping:** special tape

**Jacket:** special PVC compound - oil resistant colour  
green RAL 6018

### **T**ype of cable

Code	Formation x mm <sup>2</sup>
H1	( 2 x 1 ) + 10 x 0,14
H3	3 x ( 2 x 0,14 ) + 2 x 0,50
H4	3 x ( 2 x 0,14 ) + 2 x 1
I3	4 x ( 2 x 0,25 ) + 2 x 1
I6	9 x 0,50

### **T**echnical characteristics and ratings

**Service voltage:** 250 V

**Test voltage:** 1000 V ( types H1 - I3 - I6 )  
1500 V ( types H3 - H4 )

**Insulation resistance:** min. 20 Mohm x km ( at 20°C )

**Temperature:** service from 0°C to +70°C  
storage from -40°C to +780°C

**Min. bending radius:**

mm ( types H1 - I6 )

mm ( types H3 - H4 )

mm ( type I3 )

90

100

150

**Flame resistance:** VDE 0472 - 804 B - IEC 332.1 - CEI 20-35