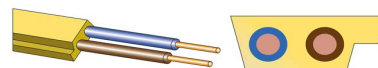
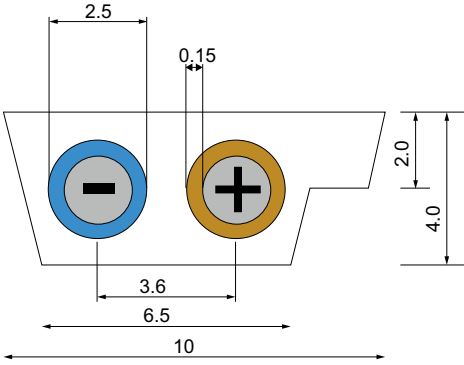


- with a yellow jacket
for data and power transmission



Article no.	BW4735
Material	EPDM
High-flex life expectation After 10 million bending cycles no wear	•
Very high flexibility	•
Oil-resistance	–
Fire protection	–
Halogen free	•
suitable for drag chains	–
UL and CSA certificated	–

Article no.	BW4735
In general	
Signal transmission	ASi
Operating voltage	32 V
Current rating	20 A
Conductor	
Material	stranded tinned copper wire, Ø 2,5 mm incl. insulation
Nominal cross section	2,5 mm ² / AWG14 (strand Ø 0,16 mm)
Insulation	rubber compound 3GI3
Insulation thickness	ca. 0,15-0,2 mm
Insulation color	BN, BU
Conductor resistance	8,21 Ω/km
Jacket	
Material	rubber compound EM3
Color	YE
Suitable for drag chains	
Reversed bending strength	–
Torsional strength	–
Environment	
Applies standards	cold bending resistant acc. to IEC 60811-1-4 EN 60529
Operating temperature	-40 °C ... +85 °C
Protection category	IP67
Delivery length	100 m (ring)
Weight	82 g/m

Cross section	BW4735
	 <p>The diagram shows a cross-section of the ASi Profile cable BW4735. It features a trapezoidal profile with a total width of 10.0. Two conductors are positioned side-by-side: a blue conductor on the left and a yellow conductor on the right. The blue conductor has a diameter of 2.5 and is marked with a minus sign (-). The yellow conductor has a diameter of 2.0 and is marked with a plus sign (+). The distance between the centers of the two conductors is 3.6. The distance from the center of the blue conductor to the left edge of the profile is 6.5. The distance from the center of the yellow conductor to the right edge of the profile is 2.5. The thickness of the profile is 4.0. A small gap of 0.15 is shown between the two conductors.</p>