

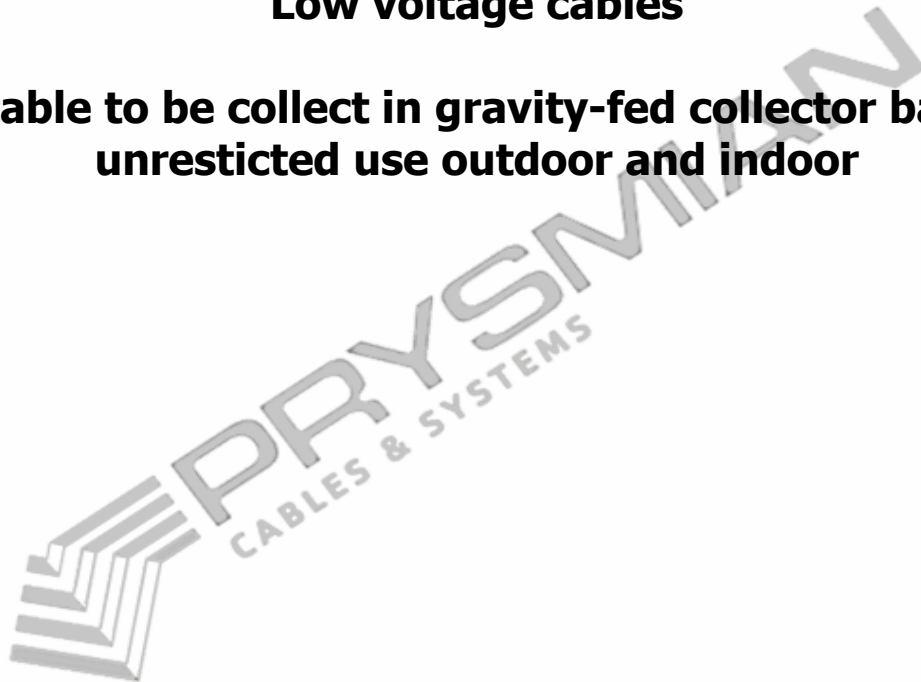
Rev. 0
07/09/2020

STX-1-3559

BASKETHEAVYFLEX 0,6/1 kV

Low voltage cables

**suitable to be collect in gravity-fed collector basket
unrestricted use outdoor and indoor**



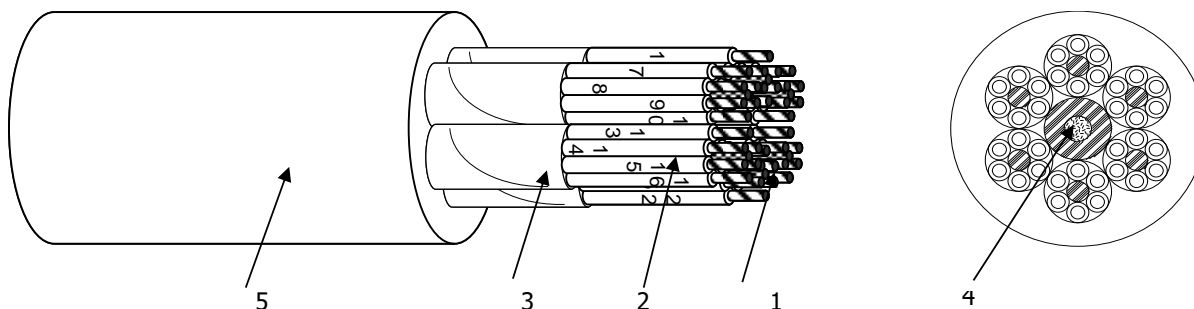
Prepared by : V. Brambati

Checked by : A. Parolina

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Impiego:

Per servizio mobile gravoso in posa verticale, in applicazioni con elevati sforzi meccanici (es.: spreader). Particolarmente adatto per la raccolta in cestoni

Application:

Feeder cable for load-lifting equipment (vertical operation) with high mechanical stress (e.g.spreader) suitable to be collect in gravity-fed collector basket

Costruzione:

Anime	
1 Conduttore:	Rame ricotto stagnato, extra flessibile, speciale per posa mobile
2 Isolamento	Mescola speciale HEPR (90 °C) migliore di 3GI3, con superiori caratteristiche meccaniche ed elettriche . Anime di colore nero con numerazione progressiva
3 Gruppi	6 anime sono riunite a passo corto su un tondino centraleb, nastrate con nastri sintetici.
Cavo	
4 Elemento di supporto	Elemento centrale di supporto in cordoncino aramidico rivestito da mescola elastomerica.
Riunione	Gruppi riuniti a passo corto. Nastri adatti sono avvolti sui gruppi riuniti.
5 Guaina esterna	Mescola speciale a base di CSP reticolato resistente agli UV ai lubrificanti, all'umidità Colore: NERO

Construction:

Cores	
1 Conductor:	Annealed tinned copper, extra flexible, special construction for mobile applications.
2 Insulation	HEPR (90 °C) special compound better than 3GI3 with improved mechanical and electrical characteristics Black cores with printed numbers
3 Bundle	6 cores laid-up with short length of lay on a central blind core and wrapped with synthetic tape(s)
Cable	
4 Support element	Central support element made of aramidic yarns covered by elastomeric compound.
Bundles arrangements	Bundle laid-up with short length of lay. Suitable tapes wrapped on the layed bundles-
5 Outer sheath	Special compound CSP based UV resistant, lubricant resistant, moisture resistant Colour: BLACK

Marchatura ad inchiostro es.:

PALAZZO - BASKETHEAVYFLEX 0,6/1 kV n x 6 x sez. + logo CE

Marking (inkjet printed)

Dati elettrici

Tens. nominale U_0/U 0,6/1 kV
Tensione massima U_m 1,2 kV
Tensione di prova A.C. 3,5 kV x 5 min.

Electrical data

Rated voltage U_0/U
Max. oper. voltage U_m
A.C. Test voltage

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N. of cores x cross sect.	Conductors nom. diam.	Cores nom. diam.	Overall diameter		Net weight approx.	Max D.C. resistance at 20 °C	Maximum permissible tensile force	Bending * radius min.	Short circuit current 80 °C to 200 °C	
			min. value	max. value						
n x sect.	(n x n x sect.)	mm	mm	mm	mm	kg/km	Ohm/km	N	mm	kA

U₀/U_m : 0,6/1(1,2) kV

36 x 2,5	(6x6x 2,5)	2,0	3,6	39,1	43,1	2.790	8,21	4000	650	0,32
42 x 2,5	(7x6x 2,5)	2,0	3,6	43,0	47,0	3.260	8,21	4000	710	0,32
48 x 2,5	(8x6x 2,5)	2,0	3,6	46,4	50,4	3.690	8,21	4000	760	0,32
54 x 2,5	(9x6x 2,5)	2,0	3,6	50,1	54,1	4.280	8,21	4000	820	0,32
36 x 3,3	(6x6x 3,3)	2,6	4,1	42,7	46,7	3.380	6,11	4000	710	0,42
42 x 3,3	(7x6x 3,3)	2,6	4,1	47,1	51,1	3.980	6,11	4000	770	0,42
48 x 3,3	(8x6x 3,3)	2,6	4,1	51,2	55,2	4.560	6,11	4000	830	0,42
54 x 3,3	(9x6x 3,3)	2,6	4,1	55,5	59,5	5.310	6,11	4000	900	0,42

Cables with intergrated optical fibers or shielded available upon request

Cables must be laid into the basket in a counter-clockwise direction.

Maximum speed: up to 160 m/min

* See note on technical information about suggested cable coiling

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