

Sr. No.	Description	3C x 1.5 mm ²	3C x 6 mm ²
1	Trade Name	"UNISTAR"	"UNISTAR"
2	Voltage Grade	450/750 V	450/750 V
3	Reference Standard	EN 50525-2-21	
4	Cable Type	HO7RN-F	HO7RN-F
5	Conductor		
	a) Material to EN: 60228	Annealed Tinned Copper	
	b) Nominal Cross sectional Area (mm ²)	1.5	6
	c) Flexibility Class as per EN: 60228	class-5	class-5
	d) Max. DC. Resistance at 20°C (Ohm/Km)	13.7	3.39
6	Insulation		
	a) Material to EN: 50363-1	EPR Type EI-4	EPR Type EI-4
	b) Nominal Thickness (mm.)	0.80	1.00
7	Core Identification	By number printing	By number printing
8	No. of Cores	3	3
9	Laying Up	Cores laid up together suitably	
10	Outer Sheath		
	a) Material to EN: 50363-2-1	PCP Type EM2	
	b) Nominal Thickness (mm.)	1.6	2.1
	c) Colour of outer sheath	Natural colour	Black
11	Approx. Overall Diameter of Cable (mm.)		
	i) Lower Limit	9.2	14.1
	ii) Upper Limit	11.9	18.0
12	Recommended minimum bending radius	6 x Overall diameter of the cable	
13	Flammability Test on finished Cable	IEC: 60332-1	
14	Sequential length marking	shall be provided by printing on the outer sheath at every one meter interval	
15	Marking	Manufacturer's Name and/or Trade Name, Voltage Grade i.e. 450/750 V, Year of Manufacturing, Cable Size & No of cores and cable Type i.e. "HO7RN-F" shall be identified throughout the cable length at interval not exceeding one meter by printing on the outer sheath	

- Note-** 1) Please note that we have offered Cable As per BS EN: 50525-2-21.
2) Annealed Tinned Copper conductor is much better than Plain Copper conductor for rubber insulation and Annealed Tinned Copper conductor is also covered in BS EN: 50525-2-21 Hence we have offered cables with Anealed Tinned Copper conductor.

Sr. No.	Description	3C x 2.5 mm ²	3C x 4 mm ²	5C x 4 mm ²	5C x 6 mm ²	5C x 10 mm ²	5C x 16 mm ²	5C x 25 mm ²
1	Trade Name	"UNISTAR"	"UNISTAR"	"UNISTAR"	"UNISTAR"	"UNISTAR"	"UNISTAR"	"UNISTAR"
2	Voltage Grade	0.6/1.0 kV	0.6/1.0 kV	0.6/1.0 kV	0.6/1.0 kV	0.6/1.0 kV	0.6/1.0 kV	0.6/1.0 kV
3	Reference Standard	Generally to IEC: 60502-1			Generally to IEC: 60502-1			
4	Conductor							
	a) Material to IEC: 60228	Annealed Tinned Copper			Annealed Tinned Copper			
	b) Nominal Cross sectional Area (mm ²)	2.5	4	4	6	10	16	25
	c) Flexibility Class as per IEC: 60228	Class-5	Class-5	Class-5	Class-5	Class-5	Class-5	Class-5
	d) Max. DC. Resistance at 20°C (Ohm/Km)	8.21	5.09	5.09	3.39	1.95	1.24	0.795
5	Insulation							
	a) Material to IEC: 60502-1	EPR	EPR	EPR	EPR	EPR	EPR	EPR
	b) Nominal Thickness (mm.)	1.00	1.00	1.00	1.00	1.00	1.0	1.20
6	Core Identification	By coloured insulation Red, Yellow, and Blue		By coloured insulation Red, Yellow, Blue Black, and Green			By coloured proofed tape Red, Yellow, Blue Black, and Green	
7	No. of Cores	3	3	5	5	5	5	5
8	Laying Up	Cores laid up together suitably and taped with proofed tape						
9	Overall Screening							
	a) Material	Annealed Tinned Copper wires braid						
	b) Nom. Dia of ATC wires braid (mm.)	0.20	0.30	0.30	0.30	0.30	0.30	0.45
	c) Minimum filling factor	85%	85%	85%	85%	85%	85%	85%
	d) Suitable binder tape over ATC wires braid	Optional	Optional	Optional	Optional	Optional	Optional	Optional
9	Outer Sheath							
	a) Material to IEC: 60502-1	PCP Type SE-1 (Black colour)			PCP Type SE-1 (Black colour)			
	b) Nominal Thickness (mm.)	1.80	1.80	2.00	2.50	2.90	3.20	3.50
10	Approx. Overall Diameter of Cable (mm.)	14.5	16.0	19.0	22.0	25.5	29.5	35.5
11	Max. Conductor Temperature for continuous operation	90°C	90°C	90°C	90°C	90°C	90°C	90°C
12	Recommended minimum bending radius	6 x Overall diameter of the cable						
14	Sequential length marking	shall be provided by printing on the outer sheath at every one meter interval						
15	Marking	Manufacturer's Name and/or Trade Name, Voltage Grade i.e. 0.6/1.0 kV, Year of Manufacturing, and Cable Size & No of cores shall be identified throughout the cable length at interval not exceeding one meter by printing on the outer sheath						

Note- Please note that detailed technical specification is not available with this enquiry. However we have offered overall metallic screened flexible cables Generally as per IEC: 60502-1.