

Cord Products

Type SOOW



Synthetic Rubber Insulation with Oil Resistant Thermoset Jacket

Physical Properties:

Operating Temp.: -40°C to 90°C B
Voltage Rating 600 Volts (Type SOOW)

Specifications:

MSHA Approved

Product Description:

Conductor: Fully annealed stranded bare copper per ASTM B-174.
Insulation: Premium grade color-coded EPDM
Jacket: Neoprene (black)

Color Coding:

2 Conductor Black, White
3 Conductor Black, White, Green
4 Conductor Black, White, Red, Green
5 Conductor Black, White, Red, Orange, Green

Features:

Maintains flexibility Sunlight, water and weather resistant
Suitable for continuous submersion in water Resistant to oil, acid, impact, abrasion, water, flame and high temperature
ICEA where applicable MSHA listed, passes MSHA flame test

Type SOOW

90°C, 600 Volts

Blake Part Number	AWG	# of Conductors	Dimensions (Inches)					AMPS
			Stranding	Insulation	Jacket	O.D.		
BCB-8483	8	3	65x26	0.050	0.060	0.700	40	
BCB-8484	8	4	65x26	0.050	0.060	0.785	35	
BCB-8485	8	5	65x26	0.050	0.060	0.830	35	
BCB-8463	6	3	101x26	0.050	0.060	0.780	55	
BCB-8464	6	4	101x26	0.050	0.080	0.845	45	
BCB-8465	6	5	101x26	0.050	0.080	0.950	45	
BCB-8442	4	2	119x25	0.050	0.080	0.865	70	
BCB-8443	4	3	119x25	0.050	0.080	0.925	70	
BCB-8444	4	4	119x25	0.050	0.080	1.000	60	
BCB-8445	4	5	119x25	0.050	0.080	1.090	60	
BCB-8423	2	3	119x23	0.600	0.080	1.055	95	
BCB-8424	2	4	119x23	0.600	0.080	1.100	80	
BCB-8425	2	5	119x23	0.600	0.080	1.435	80	

Single Conductor SO

Physical Properties:

Operating Temp.: -40°C to 90°C B
Voltage Rating 600 Volts (Type SO)

Specifications:

MSHA Approved

Product Description:

Conductor: Fully annealed stranded bare copper per ASTM B-174.
Insulation: Premium grade color-coded EPDM
Jacket: Oil resistant thermoset, CPE (black)

Features:

Abrasion Resistant Excellent Flexibility
Heavy-duty jacket Sunlight Resistant
Flame Retardant Resistant to most oils and chemicals

Type SO

90°C, 600 Volts

Blake Part Number	AWG	Stranding	Cond. O.D.	Insulation Thickness	Jacket Thickness	Nominal O.D.	AMPS
BCB-8560	18	16x30	0.500	0.030	0.030	0.180	7
BCB-8570	16	26x30	0.600	0.030	0.030	0.200	10
BCB-8580	14	41x30	0.075	0.045	0.030	0.240	15
BCB-8590	12	65x30	0.095	0.045	0.030	0.260	20
BCB-8500	10	104x30	0.120	0.045	0.030	0.300	25

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