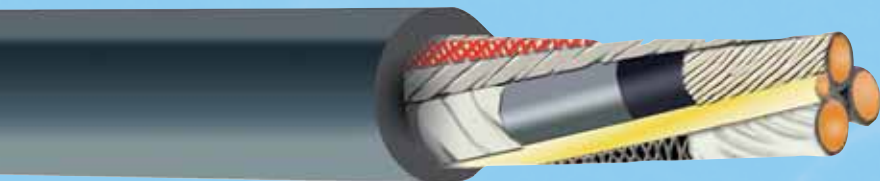




FLEXIDRUM® MEDIUM SHD GC

8 and 15 kV



Construction:

Conductor:	Flexible tinned copper
Earth conductor:	flexible tinned copper with yellow polypropylene insulation
Insulation screening:	tinned copper and color coded nylon braid
Insulation:	90°C ethylene propylene rubber (EPR)
Strand screening:	semi-conducting layer
Earth wires:	flexible tinned copper
Outer sheath:	double chlorinated polyethylene (CPE), color BLACK, (RAL 9005)

Technical data:

Temperature range	- 50°C + 50°C
Flexible installation:	8 kV until 15 kV
Nominal voltage:	8 x d
Min. Bending radius:	FLEXIDRUM® MEDIUM cables are designed to provide safe, reliable performance on cable reelers and festoons at temperatures from -50°C to +50°C at speed up to 750 feet/minute. These cables are designed for use on gantry cranes, stacker/reclaimers and other equipment.
Applications:	

Outstanding features:

- ▶ **Others colour on request**
- ▶ **long life**
- ▶ **mechanical and water protection**
- ▶ **MSHA, CSA and other approvals on request**
- ▶ **two Earth conductors are used giving a total cross sectional area equal to at least 60% of the power conductor**

POWER CONDUCTORS		GROUND CONDUCTORS		Nominal outside diameter (In) ± 10%	Weight approx. lbs. x 1000 ft	Maximum tensile load (lbs)
AWG no. *)	Power conductor diameter (In)	AWG no. *) Kcmil	Earth conductor diameter (In)			
8 kV						
4	0.259	8	0.164	2,0	2200	293
2	0.321	6	0.204	2,2	2850	466
1	0.366	5	0.238	2,3	3370	587
1/0	0.413	4	0.259	2,4	3600	741
2/0	0.468	3	0.291	2,5	4200	934
3/0	0.518	2	0.321	2,7	5100	1178
4/0	0.584	1	0.366	2,6	5680	1178
250	0.634	1/0	0.413	2,9	6750	1178
350	0.757	2/0	0.468	3,3	8480	1178
500	0.888	3/0	0.584	3,6	10720	1178
POWER CONDUCTORS		GROUND CONDUCTORS		Nominal outside diameter (In) ± 10%	Weight approx. lbs. x 1000 ft	Maximum tensile load (lbs)
AWG no. *)	Power conductor diameter (In)	AWG no. *) Kcmil	Earth conductor diameter (In)			
15 kV						
2	0.321	6	0.204	2,5	3520	466
1	0.366	5	0.238	2,6	4100	587
1/0	0.413	4	0.259	2,7	4630	741
2/0	0.468	3	0.291	2,9	4900	934
3/0	0.518	2	0.321	3,0	5600	1178
4/0	0.584	1	0.366	3,1	6830	1178