

WATER-RESISTANT

HydroBloc™ Multi-Conductor Shielded Cables



The Gepco® Brand HydroBloc™ multi-conductor shielded speaker and control cables are ideal for permanent installation in wet locations. The conductors consist of stranded or solid bare copper conductors that are insulated with a PVC insulation compound. For added noise rejection and suppression, the conductors are shielded with a durable 100% foil/Mylar® and tinned copper drain wire. The outer jacket is extruded from a low-friction PVC that is easy to install and pull through conduit. Gepco Brand shielded speaker and control cables are available in 18 through 22 AWG. With advanced water-blocked construction, the HydroBloc line utilizes a two-ply water-blocking tape and water-swallowable fillers to prevent transverse and longitudinal water ingress.

Features & Benefits

- Advanced Water-Blocked Construction
- Sunlight- and Moisture-Resistant Jacket
- Cables Comply with TIA-455-82-B Water Penetration Test
- Ripcord for Ease of Stripping Jacket
- Bare Copper Conductors
- Superior PVC Insulation
- Foil Shield with Drain Wire
- 18 Through 22 AWG Versions
- UL Rated

Applications

- In Wet Locations Inside Conduit
- Indoor/Outdoor Use
- Speaker Interconnections
- General Purpose Audio
- Communications & Power-Limited Circuits

Mechanical Specifications

Part #	# of Cond.	Nominal OD	Conductor	Insulation/Color Code	Shield	Drain Wire	Jacket (Type, Colors)	UL Type	Approx. Weight
HBS2220	2	0.192" (5.00 mm)	22 AWG Solid BC	PVC, 0.010" (0.254 mm)/ Black, Red	100% Foil	24 AWG Solid TC	PVC, Gray	CM/CL3	22 lbs/Mft (33 kg/km)
<i>22 AWG Solid x 2 HydroBloc™ CM/CL3 Water-Resistant Cable: Shielded</i>									
HBS222	2	0.202" (5.13 mm)	22 AWG (7x30) Stranded BC	PVC, 0.010" (0.254 mm)/ Black, Red	100% Foil	24 AWG (7x32) Stranded TC	PVC, Gray	CM/CL3	26 lbs/Mft (40 kg/km)
<i>22 AWG Stranded x 2 HydroBloc™ CM/CL3 Water-Resistant Cable: Shielded</i>									
HBS202	2	0.220" (5.59 mm)	20 AWG (7x28) Stranded BC	PVC, 0.010" (0.254 mm)/ Black, Red	100% Foil	22 AWG (7x30) Stranded TC	PVC, Gray	CM/CL3	27 lbs/Mft (40 kg/km)
<i>20 AWG Stranded x 2 HydroBloc™ CM/CL3 Water-Resistant Cable: Shielded</i>									
HBS182	2	0.236" (5.99 mm)	18 AWG (7x26) Stranded BC	PVC, 0.010" (0.254 mm)/ Black, Red	100% Foil	22 AWG (7x30) Stranded TC	PVC, Gray	CM/CL3	33 lbs/Mft (50 kg/km)
<i>18 AWG Stranded x 2 HydroBloc™ CM/CL3 Water-Resistant Cable: Shielded</i>									
HBS186	6	0.302" (7.67 mm)	18 AWG (7x26) Stranded BC	PVC, 0.010" (0.254 mm)/ Black, Red, White, Green, Brown, Blue	100% Foil	22 AWG (7x30) Stranded TC	PVC, Gray	CM/CL3	67 lbs/Mft (100 kg/km)
<i>18 AWG Stranded x 4 HydroBloc™ CM/CL3 Water-Resistant Cable: Shielded</i>									

Electrical Specifications

Part #	Cond. DCR	Capacitance
HBS2220	16.5 Ω/Mft	49 pF/ft Between Conductors, 89 pF/ft Between One Conductor and Other Tied to Shield
HBS222	15.3 Ω/Mft	55 pF/ft Between Conductors, 99 pF/ft Between One Conductor and Other Tied to Shield
HBS202	10.1 Ω/Mft	61 pF/ft Between Conductors, 109 pF/ft Between One Conductor and Other Tied to Shield
HBS182/HBS186	6.4 Ω/Mft	70 pF/ft Between Conductors, 126 pF/ft Between One Conductor and Others Tied to Shield

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