

## WATER-RESISTANT

## HydroBloc™ FPL or PLTC Unshielded Cables



The Gepco® Brand HydroBloc™ multi-conductor unshielded speaker and control cables are ideal for permanent installation in wet locations. The conductors consist of stranded, bare copper conductors that are insulated with a PVC insulation compound. The outer jacket is extruded from a low-friction PVC that is easy to install and pull through conduit. These cables are available in 12 through 18 AWG. With advanced water-blocked construction, the HydroBloc line utilizes a two-ply water-blocking tape and water-swellaible fillers to prevent transverse and longitudinal water ingress.

## Features &amp; Benefits

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

## Applications

- In Wet Locations Inside Conduit
- Indoor/Outdoor Use
- Low Voltage Industrial Process Control
- Power-Limited Circuits
- Power-Limited Fire Alarm Circuits
- Power-Limited Tray Cable PLTC
- Speaker Level Audio
- Direct Burial

## Mechanical Specifications

Part #	# of Cond.	Nominal OD	Conductor	Insulation/Color Code	Jacket (Type, Colors)	UL Type	Approx. Weight
<b>HBU184T</b>	4	0.323" (8.20 mm)	18 AWG (7x26) Stranded BC	PVC & Nylon, 0.021" (0.533 mm)/ Black, Red, Brown, Blue	PVC, Black	FPL/PLTC	64 lbs/Mft (95 kg/km)
18 AWG x 4 HydroBloc™ FPL/PLTC Water-Resistant Cable: Unshielded							
<b>HBU182T*</b>	2	0.277" (7.04 mm)	18 AWG (7x26) Stranded BC	PVC & Nylon, 0.021" (0.533 mm)/ Black, Red	PVC, Black	FPL/PLTC	40 lbs/Mft (59 kg/km)
18 AWG x 2 HydroBloc™ FPL/PLTC Water-Resistant Cable: Unshielded							
<b>HBU164T</b>	4	0.350" (8.89 mm)	16 AWG (7x24) Stranded BC	PVC & Nylon, 0.021" (0.533 mm)/ Black, Red, Brown, Blue	PVC, Black	FPL/PLTC	76 lbs/Mft (113 kg/km)
16 AWG x 4 HydroBloc™ FPL/PLTC Water-Resistant Cable: Unshielded							
<b>HBU162T*</b>	2	0.299" (7.59 mm)	16 AWG (7x24) Stranded BC	PVC & Nylon, 0.021" (0.533 mm)/ Black, Red	PVC, Black	FPL/PLTC	52 lbs/Mft (78 kg/km)
16 AWG x 2 HydroBloc™ FPL/PLTC Water-Resistant Cable: Unshielded							
<b>HBU144T</b>	4	0.380" (9.65 mm)	14 AWG (19x27) Stranded BC	PVC & Nylon, 0.021" (0.533 mm)/ Black, Red, Brown, Blue	PVC, Black	FPL/PLTC	102 lbs/Mft (152 kg/km)
14 AWG x 4 HydroBloc™ FPL/PLTC Water-Resistant Cable: Unshielded							
<b>HBU142T*</b>	2	0.324" (8.23 mm)	14 AWG (19x27) Stranded BC	PVC & Nylon, 0.021" (0.533 mm)/ Black, Red	PVC, Black	FPL/PLTC	64 lbs/Mft (96 kg/km)
14 AWG x 2 HydroBloc™ FPL/PLTC Water-Resistant Cable: Unshielded							
<b>HBU122T*</b>	2	0.369" (9.40 mm)	12 AWG (19x25) Stranded BC	PVC & Nylon, 0.021" (0.533 mm)/ Black, Red	PVC, Black	FPL/PLTC	86 lbs/Mft (128 kg/km)
12 AWG x 2 HydroBloc™ FPL/PLTC Water-Resistant Cable: Unshielded							

## Electrical Specifications

Part #	Cond. DCR	Capacitance
HBU184T, HBU182T	6.4 Ω/Mft	25 pF/ft
HBU164T, HBU162T	4.0 Ω/Mft	28 pF/ft
HBU144T, HBU142T	2.5 Ω/Mft	30 pF/ft
HBU122T	1.6 Ω/Mft	34 pF/ft

\*Two (2) conductor constructions will have two PVC rod fillers in the core to help withstand the rigors during operation.