

Speaker and Control: Shielded Riser



Gepeco® Brand shielded speaker and control cable is an economical option for permanent installation in conduit, walls or ceilings. The conductive elements consist of stranded, 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. Gepeco Brand shielded speaker and control cables are available in 12 through 22 AWG.

Features & Benefits

- Economical Construction
- Bare Copper Conductors
- PVC Insulation
- Foil Shield with Drain Wire
- 12 Through 22 AWG Versions
- UL Rated

Applications

- Speaker Interconnections
- General Purpose Audio
- Control

Mechanical Specifications									
Part #	# of Cond.	Nominal OD	Conductor	Insulation/Color Code	Shield	Drain Wire	Jacket (Type, Colors)	UL Type	Approx. Weight
SSS122R	2	0.257" (6.53 mm)	12 AWG (19x25) Stranded BC	PVC, 0.011" (0.28 mm) Wall/ Black & Red	100% Foil	18 AWG (16x30) Stranded TC	PVC, Gray	CL3R	58 lbs/Mft (86 kg/km)
SSS124R	4	0.304" (7.72 mm)	12 AWG (19x25) Stranded BC	PVC, 0.011" (0.28 mm) Wall/ Black, Red, White & Green	100% Foil	18 AWG (16x30) Stranded TC	PVC, Gray	CL3R	105 lbs/Mft (156 kg/km)
<i>12 AWG Shielded Speaker and Control Cable: Riser</i>									
SSS142R	2	0.217" (5.51 mm)	14 (19x27) AWG Stranded BC	PVC, 0.010" (0.25 mm) Wall/ Black & Red	100% Foil	18 AWG (16x30) Stranded TC	PVC, Gray	CL3R	41 lbs/Mft (61 kg/km)
SSS144R	4	0.254" (6.45 mm)	14 (19x27) AWG Stranded BC	PVC, 0.010" (0.25 mm) Wall/ Black, Red, White & Green	100% Foil	18 AWG (16x30) Stranded TC	PVC, Gray	CL3R	73 lbs/Mft (109 kg/km)
<i>14 AWG Shielded Speaker and Control Cable: Riser</i>									
SSS162R	2	0.183" (4.65 mm)	16 (19x29) AWG Stranded BC	PVC, 0.009" (0.23 mm) Wall/ Black & Red	100% Foil	22 AWG (7x30) Stranded TC	PVC, Gray	CMR	27 lbs/Mft (40 kg/km)
SSS164R	4	0.219" (5.56 mm)	16 (19x29) AWG Stranded BC	PVC, 0.009" (0.23 mm) Wall/ Black, Red, White & Green	100% Foil	22 AWG (7x30) Stranded TC	PVC, Gray	CMR	47 lbs/Mft (70 kg/km)
<i>16 AWG Shielded Speaker and Control Cable: Riser</i>									
SSS182R	2	0.159" (4.04 mm)	18 (7x26) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black & Red	100% Foil	22 AWG (7x30) Stranded TC	PVC, Gray	CMR	20 lbs/Mft (30 kg/km)
SSS184R	4	0.184" (4.67 mm)	18 (7x26) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black, Red, White & Green	100% Foil	22 AWG (7x30) Stranded TC	PVC, Gray	CMR	33 lbs/Mft (49 kg/km)
<i>18 AWG Shielded Speaker and Control Cable: Riser</i>									
SSS204R	4	0.171" (4.34 mm)	20 (7x28) AWG Stranded BC	PVC, 0.007" (0.18 mm) Wall/ Black, Red, White & Green	100% Foil	22 AWG (7x30) Stranded TC	PVC, Gray	CMR	23 lbs/Mft (34 kg/km)
<i>20 AWG Shielded Speaker and Control Cable: Riser</i>									
SSS224R	4	0.144" (3.66 mm)	22 (7x30) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black, Red, White & Green	100% Foil	24 AWG (7x32) Stranded TC	PVC, Gray	CMR	17 lbs/Mft (25 kg/km)
SSS226R	6	0.170" (4.32 mm)	22 (7x30) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black, Red, White, Green, Brown & Black	100% Foil	24 AWG (7x32) Stranded TC	PVC, Gray	CMR	23 lbs/Mft (34 kg/km)
<i>22 AWG Shielded Speaker and Control Cable: Riser</i>									

Electrical Specifications		
Part #	Capacitance	Cond. DCR
SSS122R	70.3 pF/ft Between Conductors, 127 pF/ft Between One Conductor and Other Tied to Shield	1.65 Ω/Mft
SSS124R	59.4 pF/ft Between Conductors, 107 pF/ft Between One Conductor and Other Tied to Shield	1.65 Ω/Mft
SSS142R	66.2 pF/ft Between Conductors, 119 pF/ft Between One Conductor and Other Tied to Shield	2.67 Ω/Mft
SSS144R	56.4 pF/ft Between Conductors, 102 pF/ft Between One Conductor and Other Tied to Shield	2.67 Ω/Mft
SSS162R	62.1 pF/ft Between Conductors, 112 pF/ft Between One Conductor and Other Tied to Shield	4.19 Ω/Mft
SSS164R	53.4 pF/ft Between Conductors, 96.1 pF/ft Between One Conductor and Other Tied to Shield	4.19 Ω/Mft
SSS182R	56.1 pF/ft Between Conductors, 101 pF/ft Between One Conductor and Other Tied to Shield	6.66 Ω/Mft
SSS184R	48.9 pF/ft Between Conductors, 88.0 pF/ft Between One Conductor and Other Tied to Shield	6.66 Ω/Mft
SSS204R	46.7 pF/ft Between Conductors, 84.0 pF/ft Between One Conductor and Other Tied to Shield	10.5 Ω/Mft
SSS224R	39.9 pF/ft Between Conductors, 71.8 pF/ft Between One Conductor and Other Tied to Shield	16.9 Ω/Mft
SSS226R	36.4 pF/ft Between Conductors, 65.5 pF/ft Between One Conductor and Other Tied to Shield	16.9 Ω/Mft

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Speaker and Control: Shielded Plenum



Gepco® Brand shielded speaker and control cable is an economical option for permanent installation in conduit, walls or ceilings. The conductive elements consist of stranded, 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 12 through 22 AWG.

Features & Benefits

- Economical Construction
- Bare Copper Conductors
- PVC Insulation
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Applications

- Speaker Interconnections
- General Purpose Audio Control

Mechanical Specifications									
Part #	# of Cond.	Nominal OD	Conductor	Insulation/Color Code	Shield	Drain Wire	Jacket (Type, Colors)	UL Type	Approx. Weight
SSS122P	2	0.244" (6.20 mm)	12 AWG (19x25) Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black & Red	100% Foil	18 AWG (16x30) Stranded TC	PVC, Natural (Gray by Request)	CL3P	59 lbs/Mft (88 kg/km)
12 AWG Shielded Speaker and Control Cable: Plenum									
SSS124P	4	0.288" (7.32 mm)	12 AWG (19x25) Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black, Red, White & Green	100% Foil	18 AWG (16x30) Stranded TC	PVC, Natural (Gray by Request)	CL3P	107 lbs/Mft (159 kg/km)
12 AWG Shielded Speaker and Control Cable: Plenum									
SSS142P	2	0.207" (5.26 mm)	14 (19x27) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black & Red	100% Foil	18 AWG (16x30) Stranded TC	PVC, Natural (Gray by Request)	CL3P	41 lbs/Mft (61 kg/km)
SSS144P	4	0.260" (6.60 mm)	14 (19x27) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black, Red, White & Green	100% Foil	18 AWG (16x30) Stranded TC	PVC, Natural (Gray by Request)	CL3P	72 lbs/Mft (107 kg/km)
14 AWG Shielded Speaker and Control Cable: Plenum									
SSS162P	2	0.179" (4.55 mm)	16 (19x29) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black & Red	100% Foil	22 AWG (7x30) Stranded TC	PVC, Natural (Gray by Request)	CMR	28 lbs/Mft (43 kg/km)
SSS164P	4	0.209" (5.31 mm)	16 (19x29) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black, Red, White & Green	100% Foil	22 AWG (7x30) Stranded TC	PVC, Natural (Gray by Request)	CMR	47 lbs/Mft (70 kg/km)
16 AWG Shielded Speaker and Control Cable: Plenum									
SSS182P	2	0.159" (4.04 mm)	18 (7x26) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black & Red	100% Foil	22 AWG (7x30) Stranded TC	PVC, Natural (Gray by Request)	CMR	20 lbs/Mft (30 kg/km)
SSS184P	4	0.185" (4.70 mm)	18 (7x26) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black, Red, White & Green	100% Foil	22 AWG (7x30) Stranded TC	PVC, Natural (Gray by Request)	CMR	34 lbs/Mft (51 kg/km)
18 AWG Shielded Speaker and Control Cable: Plenum									
SSS204P	4	0.161" (4.09 mm)	20 (7x28) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black, Red, White & Green	100% Foil	22 AWG (7x30) Stranded TC	PVC, Natural (Gray by Request)	CMR	25 lbs/Mft (37 kg/km)
20 AWG Shielded Speaker and Control Cable: Plenum									
SSS224P	4	0.147" (3.73 mm)	22 (7x30) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black, Red, White & Green	100% Foil	24 AWG (7x32) Stranded TC	PVC, Natural (Gray by Request)	CMR	19 lbs/Mft (28 kg/km)
SSS226P	6	0.170" (4.32 mm)	22 (7x30) AWG Stranded BC	PVC, 0.008" (0.20 mm) Wall/ Black, Red, White, Green, Brown & Black	100% Foil	24 AWG (7x32) Stranded TC	PVC, Natural (Gray by Request)	CMR	24 lbs/Mft (36 kg/km)
22 AWG Shielded Speaker and Control Cable: Plenum									
Electrical Specifications									
Part #	Capacitance								Cond. DCR
SSS122P	82.5 pF/ft Between Conductors, 148 pF/ft Between One Conductor and Other Tied to Shield								1.65 Ω/Mft
SSS124P	68.1 pF/ft Between Conductors, 123 pF/ft Between One Conductor and Other Tied to Shield								1.65 Ω/Mft
SSS142P	77.1 pF/ft Between Conductors, 139 pF/ft Between One Conductor and Other Tied to Shield								2.67 Ω/Mft
SSS144P	57.6 pF/ft Between Conductors, 104 pF/ft Between One Conductor and Other Tied to Shield								2.67 Ω/Mft
SSS162P	67.2 pF/ft Between Conductors, 121 pF/ft Between One Conductor and Other Tied to Shield								4.19 Ω/Mft
SSS164P	57.3 pF/ft Between Conductors, 103 pF/ft Between One Conductor and Other Tied to Shield								4.19 Ω/Mft
SSS182P	57.4 pF/ft Between Conductors, 103 pF/ft Between One Conductor and Other Tied to Shield								6.66 Ω/Mft
SSS184P	50.0 pF/ft Between Conductors, 90.0 pF/ft Between One Conductor and Other Tied to Shield								6.66 Ω/Mft
SSS204P	45.0 pF/ft Between Conductors, 81.0 pF/ft Between One Conductor and Other Tied to Shield								10.5 Ω/Mft
SSS224P	40.8 pF/ft Between Conductors, 73.4 pF/ft Between One Conductor and Other Tied to Shield								16.9 Ω/Mft
SSS226P	40.8 pF/ft Between Conductors, 73.4 pF/ft Between One Conductor and Other Tied to Shield								16.9 Ω/Mft

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