

This intercom system features front-to-cell intercom functionality and configurable audio options, all housed in a rugged aluminium case with mounting brackets for secure vehicle installation. It uses standard Molex connectors for easy setup and cable replacement and can be purchased as a complete kit with all necessary cables, speakers, and microphones. The system operates in full duplex mode for simultaneous communication between the front and rear of a vehicle using a push-to-talk (PTT) function, which can be disabled for hands-free operation. Custom interface panels and optional speakers are also available upon request. Please contact us for more information.

Technical Specifications

Part No	0600-504
Electrical Data	
Voltage (V)	13.8V
Quiescent Current (A)	0.1
Max Current (A)	1
Audio Output Power (W)	14W
Crosstalk (dB)	60
Impedance (Ω)	Between 2–8 Ohms (Normally 4 Ohms)
Distortion	Po = 0.1 to 2W Max. 0.2 %
Mechanical Data	
Dimensions (mm)	H45xW140xL85
Operating Temp (°C)	-40 / +80°C (-40° / 176°F)
Material	Aluminium
Colour	Natural
Weight (g)	900
Mounting Data	
Mounting Type	Panel Mount

Subject to change.

0240-CA016.01 – Intercom Microphone Red



Electrical Specifications

Directivity : Omni directional
 Standard operating voltage : 1.5V
 Maximum operating voltage : 10V
 Maximum current consumption : 0.5mA
 Output impedance (F = 1KHz 1Pa) : < 2.2KΩ
 Frequency : 50 to 16,000Hz
 Sensitivity (at F = 1KHz, 0dB = 1V/Pa) : -41 ± 3dB
 Signal to noise ratio (F = 1KHz 1Pa) weighted : > 60dB

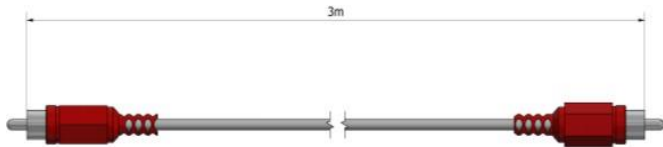
0240-CA016.02 – Intercom Microphone Black



Electrical Specifications

Connector : RCA
 Directivity : Omni directional
 Standard operating voltage : 1.5V
 Maximum operating voltage : 10V
 Maximum current consumption : 0.5mA
 Output impedance (F = 1KHz 1Pa) : < 2.2KΩ
 Frequency : 50 to 16,000Hz
 Sensitivity (at F = 1KHz, 0dB = 1V/Pa) : -41 ± 3dB
 Signal to noise ratio (F = 1KHz 1Pa) weighted : > 60dB

0240-CA019.01 – RCA Extension 3m Red



Electrical Specifications

Connector : RCA MALE
 Material: PVC(S60)
 Color: BLACK
 Diameter/Thickness: 5.0±0.20mm / 1.63±0.10mm

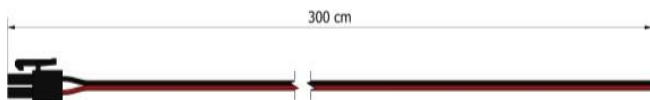
0240-CA019.02 – RCA Extension 3m Black



Electrical Specifications

Connector : RCA MALE
 Material: PVC(S60)
 Color: BLACK
 Diameter/Thickness: 5.0±0.20mm / 1.63±0.10mm

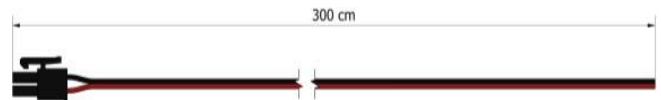
0240-CA020 – Intercom Power Lead 3m



Electrical Specifications

Connector : Molex MiniFit
 Material: PVC(S60)
 Color: BLACK/RED
 Current Rating: 5A

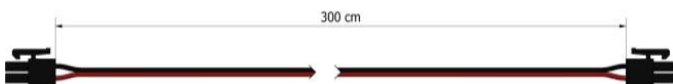
0240-CA021 – Intercom PTT Lead no Switch 3m



Electrical Specifications

Connector : Molex MiniFit
 Material: PVC(S60)
 Color: BLACK/RED
 Current Rating: 5A

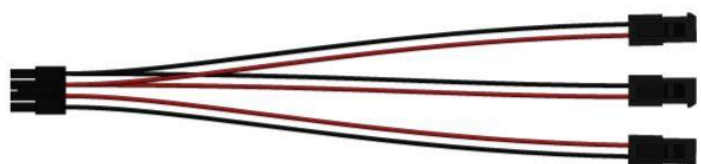
0240-CA022 – Intercom Extension Lead 3m



Electrical Specifications

Connector : Molex MiniFit
 Material: PVC(S60)
 Color: BLACK/RED
 Current Rating: 5A

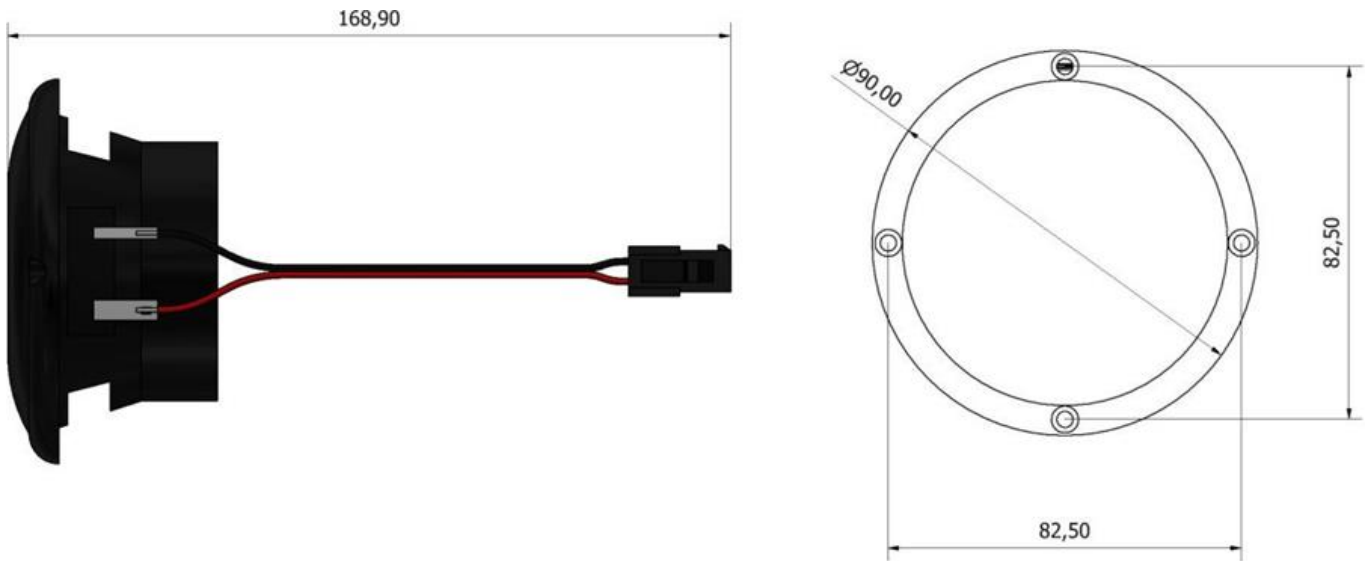
0240-CA023 - Intercom Cable Header ASSY



Electrical Specifications

Connector : Molex MiniFit
 Material: PVC(S60)
 Color: BLACK/RED
 Current Rating: 5A

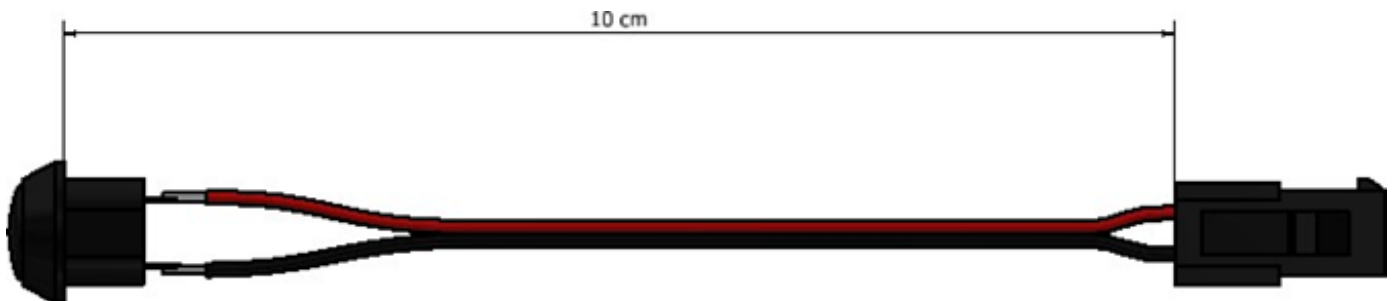
0245-SFLINT001.00 Intercom Splash proof Speaker



Specifications

Connector: Mini Fit Jnr
 Frequency Response Min: 100Hz
 Frequency Response Max: 20kHz
 External Height: 37mm
 External Width: 90mm

0245-SFLINT003.00 Panel Mount PTT Switch



Specifications

Mechanical

Total travel 2 mm \pm 0.3mm
 Operating force 5 N \pm 30%
 Panel thickness 1 - 6 mm (max)
 Terminal type: Mini Fit Jnr
 Switching action: Momentary

Electrical

Dielectric strength: 2500 VAC
 Insulation resistance: 1G Ω
 Contact resistance: < 50m Ω (max)
 Electrical Life: 500,000 cycles
 Current rating: 400mA at 32 VAC resistive