

## INDUSTRIAL INTERCOMMUNICATION CABLES



**Model 60021-201/SPL Speaker cable (3 core)**

**Model 60029-001/SPL Multi-Party cable (16 core)**

**Model 60023-201/SPL Single-Party cable (8 core)**

### Specifications.

#### General for all cables.

Construction standard	: as per I.E.C. 332.1 & 2.
Rated tension	: 600V
Outer jacket	: PVC colour green RAL 6014
Minimum installation cable temperature	: Minus 5 degree Celcius (-5°C).
Overall tinned copper shield	: 80% coverage.
Wires:	
- jacket	: PE
- construction	: stranded copper 0,16mm

#### 1) 60023-201/SPL Single-party cable.

Overall diameter	: 14,7 mm
One (1) twisted pair 1x2x14AWG (2 mm <sup>2</sup> )	: White – Black (120VAC)
One (1) single wire 14AWG (2mm <sup>2</sup> )	: Green/Yellow (Earth)
Two (2) twisted pairs 18AWG (1mm <sup>2</sup> )	: Red – blue (Page line)
	: Green – Black (Party line)
One (1) single wire 18AWG (1mm <sup>2</sup> )	: Orange (Spare)
Shipping & weight	: Packed on wooden drums of 500 meter. (175Kg)

#### 2) 60029-001/SPL Multi-party cable.

Overall diameter	: 18,1 mm
One (1) twisted pair 1x2x14AWG (2 mm <sup>2</sup> )	: White – Black (120VAC)
One (1) single wire 14AWG (2mm <sup>2</sup> )	: Green/Yellow (Earth)
Six (6) twisted pairs 18AWG (1mm <sup>2</sup> )	: Red/blue – Blue/red (Page line)
	: Tan/red – Red/tan (Party line 1)
	: Tan/Blue – Blue/tan (Party line 2)
	: Tan/brown – Brown/tan (Party line 3)
	: Tan/yellow – Yellow/tan (Party line 4)
	: Tan/violet – Violet/tan (Party line 5)
One (1) single wire 18AWG (1mm <sup>2</sup> )	: Orange (Spare)
Shipping & weight	: Packed on wooden drums of 350 meter. (194Kg)

#### 3) 60021-201/SPL Speaker cable.

Overall diameter	: 9 mm
One (1) twisted pair 1x2x16AWG (1,5 mm <sup>2</sup> )	: White – Brown (Speaker connection)
One (1) single wire 16AWG (1,5mm <sup>2</sup> )	: Green/Yellow (Earth)
Shipping & weight	: Packed on wooden drums of 500 meter. (50Kg)

The cables as shown above are special communication cables for industrial applications and specially designed for the industrial "Page/Party" intercommunication system. All cables are in full accordance with I.E.C. 332.1 & 2 regarding the fire retardant standards.

## INDUSTRIAL INTERCOMMUNICATION SPEAKER CABLES



### Specifications.

Construction standard	: as per I.E.C. 332.1 & 2.
Rated tension	: 600V
Outer jacket	: PVC colour green RAL 6014
Overall tinned copper shield	: 85% coverage.
Wires:	: PE
- jacket	
- construction	: bare stranded copper 226x0,15mm = 4,00mm <sup>2</sup> 2 core cotton filler Polyester transparent foil
Printig	: 600V rated PRONOR BELGIUM MODEL 60024-201/SPL and length indication every meter.
Overall diameter	: 12,5 mm
Set up wires	: One (1) twisted pair 1x2x4mm <sup>2</sup> colour White – Brown
Shipping & weight	: Packed on wooden drums of 500 meter. (118Kg)



### Specifications.

Construction standard	: as per I.E.C. 332.1 & 2.
Rated tension	: 600V
Outer jacket	: PVC colour green RAL 6014
Overall tinned copper shield	: 85% coverage.
Wires:	: PE
- jacket	
- construction	: Bare stranded copper 30x0,25mm = 1,5mm <sup>2</sup> Polyester transparent foil
Printig	: 600V rated PRONOR BELGIUM MODEL 60021-201/SPL and length indication every meter.
Overall diameter	: 9 mm
Set up wires	: One (1) triplet 3x1,5mm <sup>2</sup> colour White -Brown-Yellow/green
Shipping & weight	: Packed on wooden drums of 500 meter. (50Kg)

The cable 60024-201/SPL is designed for transport of power audio signals from a Public Address system over large distances proving not more signal drop than 0,5 dB with given values. (See table below) Once at destination the final connection to the local speaker may be done with the cable 60021-201/SPL. All cables are in full accordance with I.E.C. 332.1 & 2 regarding the fire retardant standards.

### **MAXIMUM CABLE LENGTHS TO A SPEAKER OR GROUP OF SPEAKERS**

(Calculated for 0,5dB power loss (12,5% in power Watts))

TYPE CABLE	NOMINAL POWER IN THE LOAD FOR 100VOLT LINE							
	5Watt	10Watt	30Watt	100Watt	200Watt	400Watt	500Watt	1Kw
60021-201/SPL	3,7Km	1,8Km	600mtr	180mtr	90mtr	45mtr	37mtr	1,8mtr
60024-201/SPL	9,6Km	4,8Km	1,6Km	480mtr	240mtr	120mtr	96mtr	48mtr

## INDUSTRIAL INTERCOM CABLE ESII SYSTEM.



### Specifications.

Construction standard	: as per I.E.C. 332.1 & 2.
Rated tension	: 600V
Outer jacket	: PVC colour green RAL 6014
Overall tinned copper shield	: 85% coverage.
Wires: - jacket	: PE
- construction	: bare stranded copper 226x0,15mm = 1mm <sup>2</sup> 2 core cotton filler Polyester transparent foil
Printig	: 600V rated PRONOR BELGIUM MODEL 60028-201/SPL
Overall diameter	: 12,5 mm
Set up wires	: Two (2) twisted pair 2x2x1mm <sup>2</sup> colour : White – Black (L1 -L2) Red - Yellow (Page - Alarm)
Shipping & weight	: Packed on wooden drums of 500 meter. (145Kg)

The cable 60028-201/SPL is designed for interconnection of Electro Sound II (ESII) intercom stations . See Pub-0003-016 showing the available ESII intercom stations.

All cables are in full accordance with I.E.C. 332.1 & 2 regarding the fire retardant standards.

## INDUSTRIAL INTERCOMMUNICATION CABLES



**Model 60029-001/SPL/ARM Multi-Party cable with steel armour (16 core)**

### Specifications.

#### General for all cables.

Construction standard	: as per I.E.C. 332.1 & 2.
Rated tension	: 600V
Outer jacket	: Thermoplast low smoke zero halogen colour grey RAL 7045
Armour	: steel wires 36 each of 1,6mm
Inner jacket	: PVC colour green RAL 6014
Overall tinned copper shield	: 80% coverage.
Wires:	
- jacket	: PVC
- construction	: stranded copper 0,16mm

#### 1) 60029-001/SPL/ARM Multi-party cable.

Overall diameter	: 24,9 mm
One (1) twisted pair 1x2x14AWG (2 mm <sup>2</sup> )	: White – Black (120VAC)
One (1) single wire 14AWG (2mm <sup>2</sup> )	: Green/Yellow (Earth)
Six (6) twisted pairs 18AWG (1mm <sup>2</sup> )	: Red/blue – Blue/red (Page line)
	: Tan/red – Red/tan (Party line 1)
	: Tan/Blue – Blue/tan (Party line 2)
	: Tan/brown – Brown/tan (Party line 3)
	: Tan/yellow – Yellow/tan (Party line 4)
	: Tan/violet – Violet/tan (Party line 5)
One (1) single wire 18AWG (1mm <sup>2</sup> )	: Orange (Spare)
Shipping & weight	: Packed on wooden drums of 350 meter. (488Kg)

The cables as shown above are special communication cables for industrial applications and specially designed for the industrial "Page/Party" intercommunication system. All cables are in full accordance with I.E.C. 332.1 & 2 regarding the fire retardant standards.