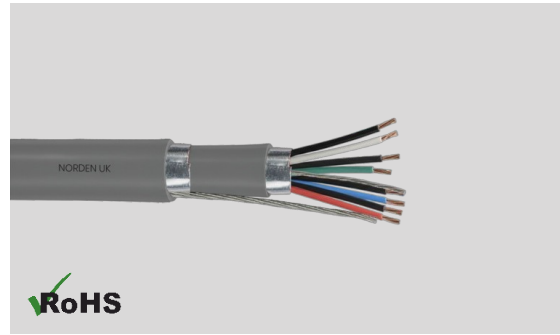


# 4-PAIR 24AWG DOUBLE JACKET SHIELDED SPEAKER CABLE

Norden Double Jacket Shielded Speaker Cable is designed for high-performance audio and low-voltage signal transmission in commercial and industrial environments. The cable is constructed with stranded tinned copper conductors insulated with PE (Polyethylene) and incorporates an inner Aluminum-Polyester (Al-PET) tape shield. It features an LSZH inner jacket, an additional outer Al-PET tape shield, and a durable LSZH outer jacket, providing enhanced electrical performance, safety, and mechanical protection.



\*Picture only for the reference.

## CABLE CONSTRUCTION

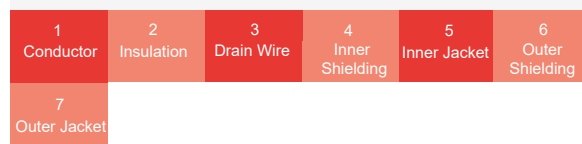
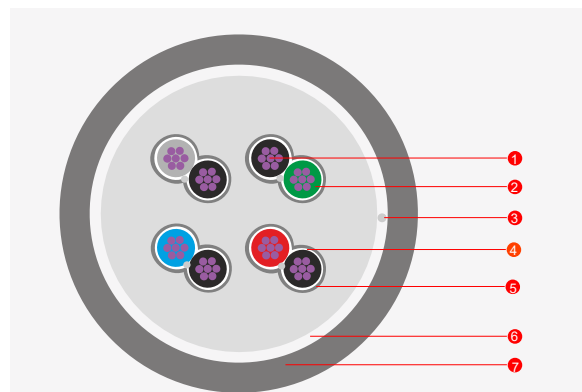
<b>Conductor</b> Tinned Copper	<b>Insulation</b> PE	<b>Inner Shielding</b> Al-PET tape + drain wire
<b>Inner Jacket</b> LSZH	<b>Inner Jacket Color</b> Grey	<b>Outer Shielding</b> Al-PET tape + drain wire
<b>Outer Jacket</b> LSZH	<b>Outer Jacket Color</b> Grey	

## PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	4
Conductor Size	24AWG, 7×0.2 mm
Insulation Thickness	0.37 mm
Insulation Diameter	1.34 ± 0.05 mm
Drain wire Size	7×0.2 mm
Inner jacket Thickness	0.37 mm
Inner Jacket Diameter	3.5 ± 0.2 mm
Outer Jacket Thickness	1.2 mm
Outer Jacket Diameter	11.0 ± 0.5 mm
Operating Temperature	-20°C to +90°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Value
Conductor resistance @20°C	≤94.2 Ω/km
Test voltage	AC 2000V, 1 min
Impedance	90 ± 15 Ω
Dielectric Strength between Pairs	2000V 1min no break down
Capacitance Conductor-to-Conductor	≤65 pF/m
Capacitance Conductor-to-Shield	≤120 pF/m
Max. Operating Voltage	300V



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### MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	LSZH
Before Tensile Strength [Mpa]	≥10Mpa
Aging Elongation (%)	≥100%
Aged Tensile Strength [Mpa]	≥7.5Mpa
Aging Elongation (%)	75% to 125%
Cold Bend (-20±°C x 4 hrs)	No cracks

### ORDERING INFORMATION

Part Number	Description
88-223204242X	4 Pair 24AWG Double Jacket Shielded Speaker Cable LSZH