

# Armada®

420 Series RS422 Offshore Armoured SHF-1 600V



## Application

A range of individually screened multi-pair 24awg RS422 cables suitable for computer applications where there is a need for protection against cross-talk and electrical interference from external sources. These cables utilise DataGuard® armoring and FireFighter® Low Smoke Zero Halogen performance materials for marine and offshore applications.

## Cable Design

Conductor	Stranded tinned copper wire (24awg)
Insulation	Foam Polyolefin
No. of Pairs	2, 3 or 4 pairs
Individual Screen	each pair Aluminium/Polyester tape wrapped + Stranded tinned copper drain wire
Inner Jacket	LSZH FireFighter® SHF-1, Grey
Armour	DataGuard® Galvanised Steel Wire Braid (GSWB)
Outer Jacket	LSZH FireFighter® SHF-1, Black



## Characteristics

- Onshore / Offshore applications
- Mechanical protection
- Flexible Installation
- Rodent Protection
- UV-Stable and colourfast
- Flame retardant acc. to IEC 60332-1
- Halogen Free acc. to IEC 60754-1/2
- Smoke density acc. to IEC 61034-1/2
- IEC 60092-359

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## Specification

Part Number	Formation No. of Pairs	Nom. Inner Jacket Ø mm	Nom. Outer Jacket Ø mm	Weight kg/km
244202P2454	2 x 2 x 24 awg	8,05 ± 0,5	10,85 ± 0,5	-
244203P2454	3 x 2 x 24 awg	8,48 ± 0,5	11,28 ± 0,5	-
244204P2454	4 x 2 x 24 awg	9,30 ± 0,5	12,10 ± 0,5	353

## Electrical Characteristics

Nom. Capacitance (cond./cond.) pF/m	Nom. Capacitance (cond./cond./scrn) pF/m	Nom. Conductor DC Resistance Ω/km	Nom. Shield DC Resistance Ω/km	Nom. Impedance Ω
41,0	76,1	78,7	59,1	100

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