

# AIRPORT CABLE RE4H1R

Double sheath, copper tape shielded  
Cu/XLPE/CTS/PVC 5kV



## TECHNICAL FEATURES

Conductor:	Bare copper, class 2
Conductor screen	Black semiconductor layer (if necessary)
insulation:	XLPE
Insulation screen	Black semiconductor layer (if necessary)
Screen	Bare copper tape
Sheath material:	Polyvinyl Chloride (PVC) Colour: Black
Standards:	CEI ENN 50213 / FAA 150/5345-7E typeC

## APPLICATION

In the medium voltage segment, XLPE insulation permits good cable performance at conductor's operating temperature as high as 90°C, and matches high current carrying capacity. This specific Airport cable is designed with concentric copper conductor extruded semi conductive layer Cross-linked polyethylene insulation, extruded semi conductive layer Copper tape shield, PVC Jacket.

## SPECIAL FEATURES

lead Free CEI 20-52  
Conform to RoHS

## REMARKS

CE acc. to EC low-voltage Directory 73/23/EEC  
and 73/23/EEC and 93/68/EEC

### Physical characteristics

No. of cores	cores	1
Nom. cross-section	mm <sup>2</sup>	16
Nom. conductor diameter	mm	4,80
Conductor screen	type	Black Semiconductive layer
Insulation material	type	XLPE
Nom. Insulation thickness	mm	2,3
Insulation colour	type	Natural/black
Insulation screen	mm	Black Semiconductive layer
Screen	type	Bare copper tape
Nom. cross-section of screen	mm <sup>2</sup>	2,5
Sheath material	type	PVC
Nom. sheath thickness	mm	2,00
Nom. overall outer diameter	mm	16,80

### Electrical Characteristics

Max. DC Resistance conductor at 20°C	Ω/km	1,16
Max. DC Resistance screen at 20°C	Ω/km	7,41

### Miscellaneous

Operating temperature	°C	-40 / 90°C
Min bending radius	mm	235
Nominal cable weight	kg/km	504