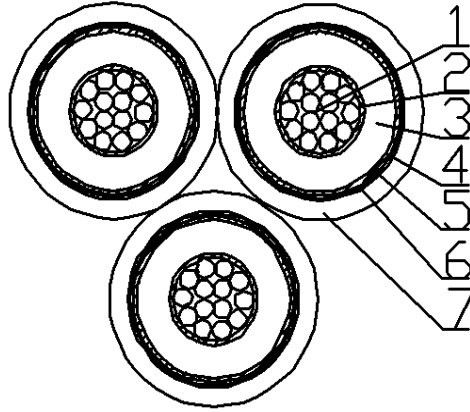


RESPONSABILE / RESPONSIBLE	SCHEDA TECNICA TECHNICAL SPECIFICATION	DATA / DATE 05/09/2005	REV. 0
CODICE / CODE ARE4H5EX 12/20kV 3X1X		DOCUMENTO / DOCUMENT ARE4H5EX-32 3X1X ENEL	



TECHNICAL DATA

(1) CONDUCTOR	
MATERIAL:	Aluminium
MAXIMUM RESISTANCE AT 20°C:	See dimensional table
NOMINAL DIAMETER:	See dimensional table
(2) CONDUCTOR SCREEN	
MATERIAL:	Semiconductor layer
(3) INSULATION	
MATERIAL:	XLPE
THICKNESS:	4,3 mm
(4) INSULATION SCREEN	
MATERIAL:	Semiconductor layer
(5) WRAPPING	
TYPE:	Semiconductor water blocking tape

RESPONSABILE / RESPONSIBLE	SCHEDA TECNICA TECHNICAL SPECIFICATION	DATA / DATE 05/09/2005	REV. 0
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(6) SCREENING	
TYPE:	Aluminium tape thermowelded to the outer sheath
TAPE THICKNESS:	0,3 mm
MAXIMUM RESISTANCE AT 20°C:	See dimensional table
(7) OUTER PHASE SHEATH	
MATERIAL:	Polyethylene
COLOUR:	Red
THICKNESS:	See dimensional table
PHASE DIAMETER:	See dimensional table

Cable code	Conductor diameter	Max conductor resistance at 20°C	Max screen resistance at 20°C	Outer sheath thickness	Phase diameter
	mm	Ω/km	Ω/km	mm	mm
ARE4H5EX/32 3X1X70	9.6	0.443	1.438	2.0	25.5 ± 0.7
ARE4H5EX/32 3X1X185	16.0	0.164	1.045	2.0	32.5 ± 0.8