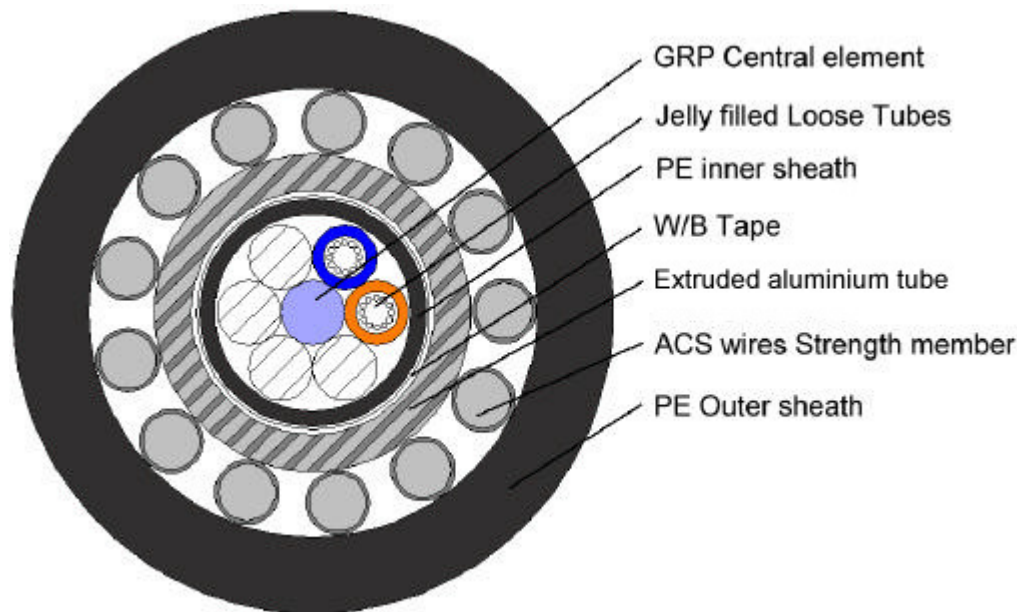


<b>RESPONSABILE / RESPONSIBLE</b> <b>Ing. D.Valori</b>	<b>SCHEDA TECNICA</b>	<b>DATA / DATE</b> <b>28/02/2005</b>	<b>REV. 0</b>
<b>CODICE / CODE</b> <b>SP30111-24AW-EAFE</b>	<b>TECHNICAL SPECIFICATION</b>	<b>DOCUMENTO / DOCUMENT</b> <b>sp30111-eafe_river crossing ofs</b>	

RIVER CROSSING Optical Fiber Cable for HIGH performances and long lengths, 24 ALL WAVE fibers ITU-T G652D, Loose Tubes Optical core with 12 fiber per each tube, PE inner sheath, Extruded Aluminium Tube Protection as MOISTURE BARRIER, High Strength Steel Wires ARMOUR (ACS) and PE Outer sheath.



**Colours for Loose tubes**

Pilot SMR – Blue; Directional SMR – Orange; Other Tubes or fillers - White.

**Colour code for the fibers**

N° Fibers	Colour	N° Fibers	Colour
1	Blue	7	Red
2	Orange	8	Black
3	Green	9	Yellow
4	Brown	10	Violet
5	Grey	11	Rose
6	White	12	Acqua

**OUTER MARKING**

+ TRATOS + TOL6D 24 2(12SMR-AW)T/EAFE – Lot – Year – Metrical marking – CUSTOMER CODE.



RESPONSABILE / RESPONSIBLE <b>Ing. D.Valori</b>	SCHEDA TECNICA <b>TECHNICAL SPECIFICATION</b>	DATA / DATE <b>28/02/2005</b>	REV. 0
CODICE / CODE <b>SP30111-24AW-EAFE</b>		DOCUMENTO / DOCUMENT <b>sp30111-eafe_river crossing ofs</b>	

### DIMENSIONAL AND MECHANICAL CHARACTERISTICS OF THE CABLE

TEST	REF. NORM.	NOMINAL VALUE
Nominal Outer diameter (mm)	-	20
Extimated weigth (kg)mt)	-	735
Minimun Bending Radius (cm)		20 X diameter
Max. applicable Tensile strength	<b>EN187000 METHOD 501 IEC 60794-1-2, METHOD E1A e B</b>	85.000 N
Crush resistance (N/10cm)	<b>METHOD EN 187000 605 IEC 60794-1-2F5B</b>	4000
Percussion test (N.m)	<b>METHOD EN187000 505 IEC 60794-1-2E4</b>	< 5
Temperature range	<b>EN 187000 605 IEC 60794-1-2F5B</b>	-30 +70 °C
Water penetration 3 m cable / 1mt water x 24 ore	<b>EN 187000 605 IEC 60794-1-2F5</b>	No failure