	TECHNICAL DATA n° 1859 CA	ANGY PLANT Automotive part
	REFERENCE DESIGNATION STANDARD	P7136*** CABLE Double Insulation T2 Following STD 1058473 & ISO 6722

REFERENCE	CONDUCTOR				INSULATION			SHEATH		
	Indicative CROSS SECTION	CORE (approx.nb x dia.)	NOMINAL DIAMETER (indicative)	MAXI DC Resistance At 20°C	MINI THICKNESS	MINI DIAMETER	MAXI DIAMETER	MINI THICKNESS	MINI DIAMETER	MAXI DIAMETER
	(mm ²)	(mm)	(mm)	(Ω/km)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
P7136440	16	126 x 0.41	5.30	1.21	0.53	6.50	7.00	0.58	8.00	8.50
P7136470	25	196 x 0.41	6.50	0.78	0.53	7.70	8.20	0.58	9.50	9.90
P7136490	35	288 x 0.41	8.10	0.554	0.53	9.00	9.50	0.58	10.60	11.20
P7136520	50	418 x 0.41	9.70	0.386	0.62	10.80	11.30	0.75	12.60	13.40
P7136560	70	336 x 0.51	11.20	0.272	0.62	12.10	12.6	1.26	15.00	15.80
P7136580	95	440 x 0.51	13.30	0.206	0.71	14.40	14.90	1.26	17.30	18.30

I - CONDUCTOR

Metal	Plain copper
Mechanical resistance	Elongation of unit wires : ≥ 15 %

II - INSULATION

Compound	Cross-linked halogen free Polyolefins
Colors	Ecru
Temperature rating	-40°C / + 125°C


III - SHEATH

Compound	Unleaded PVC
Colors	On Request
Dielectric test (direct current)	7500V to 8000V
Temperature rating	-40°C / + 105°C
Identification	in ink

PRYSMIAN « cross section » DI T2

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←—————→
Maxi Lay length : 200 mm

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USING RECOMMENDATIONS

Suggested Knives : « V shape »(no flat knives) for cutting and « radius shape » for stripping

Section (mm ²)	16	25	35	50	70	95
Suggested diameter Approx. for radius shape knives (mm)	5.40	6.40	8.30	10.2	11.3	13.3

Quantities and gross weights (as an indication) by drum packaging

Sections (mm²)	Plastic drum XCP 600mm (*)		Wood drum 750mm (**)	
	Quantity (m)	Weight (kg)	Quantity (m)	Weight (kg)
16	650	123	1200	225
25	420	123	900	248
35	350	133	650	260
50	250	137	450	260
70			330	260
95			250	260

(*) 4 drums by pallet - (**) 2 drums by pallet

Temperature of storage	- 40°C à +85°C in original packaging
Sealing process	Possible with polyolefin type materials
For a long storage	If the cable is still unused during a long period. Sealing of the ends of the cables with hot wax to avoid oxydation. Following the picture below



DEVELOPMENT DEPARTMENT	QUALITY MANAGER
Settled by F. DESMOULIN florence.desmoulin@prysmiangroup.com Checked by David PAILLERY.	Approved by Florent DUPONT.
