

# PIATTINA R-N



## MANUFACTURING CHARACTERISTICS

Conductor:  
Flexible bare copper, class 5  
Insulation:  
Bicoloured PVC compound, T11 type  
Stranding:  
N° 2 parallel cores  
Colours:  
*Cores identification:*  
Red - Black (based on RAL 3000 - 9005)

## STANDARDS

CEI 20-29 IEC 60228  
CEI 20-11  
EN 60332-1-2

## REACTION TO FIRE CLASS

EN 50575:2016  $E_{ca}$

## TEMPERATURES

Minimum working temperature: -15°C  
Maximum working temperature: +70°C  
Maximum short circuit temperature: +160°C

## ELECTRICAL CHARACTERISTICS

Operating voltage: 300/300V  
Testing voltage: 1500V  
Min. insulation resistance at 20°C > 20 MΩxKm

## APPLICATIONS

Cable conforms to the requirements in the Construction Products Regulations (CPR EU 305/11), aimed at limiting the production and diffusion of fire and smoke.  
Cable for connecting and supplying power to Hi-Fi systems.  
Suitable for applications not covered by CPR Regulations and for installations in a closed environment, excluding cases with specific initiation/propagation fire hazards where is recommended the use of cables with higher fire response performance (at least Cca-s3,d1,a3).  
Underground laying is not permitted, even if protected.



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PART NUMBER	FORMATION	OUTER DIAMETER <sup>1</sup>	WEIGHT <sup>1</sup>	MAX. ELECTRICAL RESISTANCE AT 20°C
[n°]	[n° x mm <sup>2</sup> ]	[mm]	[kg/km]	[Ohm/km]
PRN2050	2 X 0.50	2.0 X 4.2	20	39.00
PRN2075	2 X 0.75	2.3 X 4.8	28	26.00
PRN2100	2 X 1.00	2.55 X 5.3	29	19.50
PRN2150	2 X 1.50	2.95 X 6.0	40	13.30
PRN2250	2 X 2.50	3.4 X 7.0	60	7.98

<sup>1</sup> Unless otherwise specified, the values for weight and diameter are indicative.  
Note: other values, if available and released for publication, are available on request.