



TC 10 Metro Cable MEDELLIN, Colombia

Description

When a city creates a dense public transport network, and wants to connect a subway to a gondola lift for optimal management of the flow of people to highly populated areas, when the need for a non-stop daily transport requires absolute reliability and Sustainable performance Ariana 8 ensures the success of the MetroCable. For the creation of the first urban world Cable Car, the Medellin Metro, chose the solution POMA Ariana.


Technical data :

Length	2789 m
Vertical rise	309 m
Max. operating speed	5 m / s
Debit per hour	3000 p / h 20 h / d.
Vehicle capacity	8 / 10 pers.
Total Number of vehicles	119


Gallery




Components

1 st urban gondola lift in the world 

The configuration of the lift is almost identical to the ones used for ski purpose, with a high operational capacity and more !

Inter modality 


A direct connection to the Medellin Metro . The 3 sections and 4 stations allow the loading and unloading of passengers ... For a friendly and efficient service.

1.000 000 passengers per month 

20 hours of service per day, 355 days per year, 7000 operating hours a year ... For a service availability of 99.8%.

Metro Air 

Ariana Cable car, offers the double advantages of passing over urban areas and natural obstacles, with a less need for ground construction (for the towers).The easy installation of the equipment, without heavy setting up work, facilitates its integration into dense urban areas, and contributes to the preservation of existing natural areas.

Social Development 

The urban Cable Car is the most economical solution for the opening up of dense area and its population and enables a quick link to the city center: 7 mn instead of 1 to 2 hours as previously by bus.With the guarantee of a quality transport service, accessible to all.

Cab DIAMOND 8 / 10

Latest generation aluminium cabin designed by Pininfarina.
Either 8
seated or 10 standing people with folded seat
configuration. Mixed spring suspension / elastomeric pads
provide
optimal transport comfort. The raised rivet assembly simplifies
control
and facilitates maintenance