NEW Mobile use Coaxial Cable specialized for Digital Microwave Link

Applications
TACHI has newly developed this series as specialized coaxial cable for sending/receiving between control unit and head unit in Microwave link system at actual relay fields. These cables can be also utilized as analog and digital signal transmission up to 1 GHz.

Features
● TACHI has employed our original composite stranded wire conductor in center conductor for TCX-SDFW, and succeeded to greatly improve cable management and flex resistance. In addition, TACHI has materialized significant increase of transmission distance, comparing with conventional 5G-2W. (Refer to Max. transmission distance example on Page 3 as a guide of transmission distance.)
● The solid wire conductor type, TCX-5DFW can transmit the longest 450m and more as 5G class, and the composite stranded wire type, TCX-SDFW can transmit more than 400m. (Refer to Max. transmission distance example on Page 3 as a guide of transmission distance.)
● TACHI has been newly offering the specified N-type connector (Refer to Page 25), also included harness finished products. The connector cap is attached as standard item to harness finished products to protect N-type connector. Please refer to Page 37 on the details.
● For the sheath materials, TACHI has employed environment-friendly nonloaded mat type PVC. Polyethylene sheath (Black only) is also available for anchoring TCX-5DFW at outdoor.

Configuration

Construction Properties

Nominal Attenuation

NEW Facility use Coaxial Cable specialized for Digital Microwave Link

Applications
Best choice for exclusive wire to install Digital Microwave Link devices at large-scale facilities. Use for wire anchoring.

Features
● TACHI has materialized the highest ultra low attenuation as 8G size by employing 3-layer structure high foamed HDPE for Insulator. The loop resistance between center conductor and Outer conductor can be kept at extremely low att. 450/km and power source voltage drop can be kept to the minimum. Because of these, the ultra long distance transmission has been materialized both transmission in IF signal (1300MHz) and power for Microwave Link to inexcusable extent with 8G size before.
(Refer to Page 4 on Max. transmission distance example.)
● For outer conductor, TACHI has doubly processed Tin plated Annulled Copper Wire High Density Braid in addition to AL/PET tape, and keeps unprecedented antinoise property. TACHI’s cable can especially work on the installation etc. under the intense electric field and offer advantages.
● For sheath material, TACHI has employed weather-resistant polyethylene proven as the cables at large-scale facilities, and materialized to minimize the deterioration the UV influence.
● This product is specialized for anchoring digital Microwave Link wire, not recommended for other application as transmission cable, especially do not use for high frequency exceeding 5000MHz.

Configuration

Construction Properties

Nominal Attenuation