



# National Wire & Cable

## Custom Cable Manufacturing

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(NWC: Dynatronic Cable Engineering Division)

### Technical data on Seismic Digital Telemetry Data Twinax Type D-2436-X

Qualified for use with the Sercel/Syntron "Syntrak" system bottom cables

#### Mechanical:

Jacket Material:	Polyethylene	Polyethylene
Diameter over jacket:	0.370 inch, nom.	9.4 mm
Temperature Range:	-50 °C to + 80 °C	-50 °C to + 80 °C
Suggested Min. Bend radius:	6 x Cable diameter	6 x Cable Durchmesser
Weight (Dry, in air)	74 pounds/1000 feet	110. KG/KM

#### Electrical:

Characteristic Impedance:	135 Ohms	135 Ohms
Capacitance:	13.6 Picofarads/ Foot	44.6 Picofarads/ Meter
RF Loss at 20. Mhz:	1.35 db/100 feet	4.42 db/100 Meter
High Voltage Tested at:	5000 VAC 60 Hz	5000 VAC 60 Hz

#### Notes:

- 1- Every length is RF sweep-tested to verify performance. A RF Loss plot is provided with each length.
- 2- All product goes through our proprietary "Normalization" process.
- 3- All materials are essentially unaffected by immersion in Vistanex.
- 4- Colors: This cable product is available with a choice of colors for the outer jacket.  
 The part number to specify a given color is shown below.

Part No.	Jacket Color	Pair Color
D2436-5	Green	Green, Paired with Natural Trans.
D2436-6	Blue	Green, Paired with Natural Trans.

