



ADSS



ADSSu

#### Descripción Cable

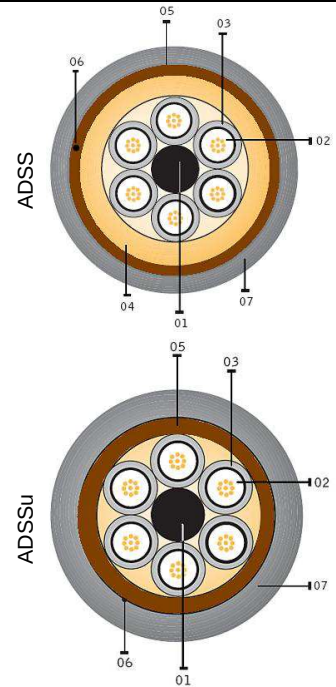
- 01. Relleno Central (GRP)
- 02. Fibras Ópticas
- 03. Tubos Rellenos de Gel
- 04. Cubierta Interior
- 05. Aramida
- 06. Hilo de Desgarro
- 07. Cubierta Exterior

#### Aplicaciones

Instalación Aérea

#### Opciones

Cubierta Anti-Tracking  
Protección Balística



#### Ventajas

Excelente resistencia mecánica / Totalmente dieléctrico / Robusto / Resistente / Alta densidad de fibras / Aplicaciones aéreas.



ANTIHUMEDAD



TOTALMENTE  
DIELECTRICO



AEREO



RESISTENTE A  
ULTRAVIOLETAS



LIBRE  
HALOGENOS

### Condiciones Instalación Aérea <sup>1</sup>

| ADSS-200 |               |            |
|----------|---------------|------------|
| Vano (m) | Viento (Km/h) | Hielo (mm) |
| 600      | 40            | 0          |
| 500      | 55            | 0          |
| 400      | 55            | 2          |
| 300      | 65            | 4          |

| ADSS-150 |               |            |
|----------|---------------|------------|
| Vano (m) | Viento (Km/h) | Hielo (mm) |
| 400      | 50            | 0          |
| 300      | 70            | 0          |
| 200      | 80            | 2          |
| 150      | 85            | 4          |

| ADSS-120 |               |            |
|----------|---------------|------------|
| Vano (m) | Viento (Km/h) | Hielo (mm) |
| 200      | 70            | 0          |
| 150      | 90            | 0          |
| 100      | 100           | 2          |

<sup>1</sup>Valores válidos para hasta 72FO. Flecha de instalación = 1.5%

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# OPTRAL

Todas las especificaciones sujetas a cambio sin previo aviso. Consultar a OPTRAL las ediciones en vigor.

| ADSS-80  |               |            |
|----------|---------------|------------|
| Vano (m) | Viento (Km/h) | Hielo (mm) |
| 150      | 85            | 0          |
| 120      | 100           | 0          |
| 100      | 90            | 2          |

| ADSS-150u |               |            |
|-----------|---------------|------------|
| Vano (m)  | Viento (Km/h) | Hielo (mm) |
| 275       | 80            | 0          |
| 195       | 100           | 0          |
| 130       | 110           | 2          |

| ADSS-120u |               |            |
|-----------|---------------|------------|
| Vano (m)  | Viento (Km/h) | Hielo (mm) |
| 200       | 80            | 0          |
| 150       | 100           | 0          |
| 100       | 110           | 2          |

| ADSS-80u |               |            |
|----------|---------------|------------|
| Vano (m) | Viento (Km/h) | Hielo (mm) |
| 150      | 95            | 0          |
| 120      | 110           | 0          |
| 100      | 100           | 2          |

| ADSS-50u |               |            |
|----------|---------------|------------|
| Vano (m) | Viento (Km/h) | Hielo (mm) |
| 120      | 90            | 0          |
| 100      | 100           | 0          |
| 80       | 95            | 2          |

| ADSS-25u |               |            |
|----------|---------------|------------|
| Vano (m) | Viento (Km/h) | Hielo (mm) |
| 100      | 60            | 0          |
| 70       | 80            | 0          |
| 40       | 95            | 2          |

## Especificaciones

| ESPECIFICACIONES      |                                     |                      |                      |                      |                      |                      |                      |                      |                      |
|-----------------------|-------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Fibras                | 12                                  | 24                   | 36                   | 48                   | 60                   | 72                   | 96 <sup>2</sup>      | 120 <sup>2</sup>     | 144 <sup>2</sup>     |
| Fibras Tubo           | 12                                  | 12                   | 12                   | 12                   | 12                   | 12                   | 12                   | 12                   | 12                   |
| Total Tubos / Activos | 6 / 1                               | 6 / 2                | 6 / 3                | 6 / 4                | 6 / 5                | 6 / 6                | 8 / 8                | 12 / 10              | 12 / 12              |
| Cubierta Interior     | Polietileno - Negro                 |                      |                      |                      |                      |                      |                      |                      |                      |
| Elementos Tracción    | Hilaturas de Aramida                |                      |                      |                      |                      |                      |                      |                      |                      |
| Cubierta Exterior     | Polietileno de Alta Densidad (HDPE) |                      |                      |                      |                      |                      |                      |                      |                      |
| Color                 | Negro                               |                      |                      |                      |                      |                      |                      |                      |                      |
| ADSS-80               | Peso (Kg/Km)                        | 126                  | 127                  | 128                  | 129                  | 129                  | 130                  | 167                  | 266                  |
|                       | Ø Ext. (mm)                         | 12.7 <sup>±0.5</sup> | 12.7 <sup>±0.5</sup> | 12.7 <sup>±0.5</sup> | 12.7 <sup>±0.5</sup> | 12.7 <sup>±0.5</sup> | 12.7 <sup>±0.5</sup> | 14.3 <sup>±0.5</sup> | 17.8 <sup>±0.5</sup> |
|                       | MAT (N)                             | 3000                 |                      |                      |                      |                      |                      |                      |                      |
|                       | EDS (N)                             | 1200                 |                      |                      |                      |                      |                      |                      |                      |

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# OPTRAL

|                      |              |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| ADSS-120             | Peso (Kg/Km) | 131                  | 132                  | 133                  | 134                  | 134                  | 135                  | 172                  | 271                  | 273                  |
|                      | Ø Ext. (mm)  | 12.7 <sup>±0.5</sup> | 12.7 <sup>±0.5</sup> | 12.7 <sup>±0.5</sup> | 12.7 <sup>±0.5</sup> | 12.7 <sup>±0.5</sup> | 12.7 <sup>±0.5</sup> | 14.3 <sup>±0.5</sup> | 17.8 <sup>±0.5</sup> | 17.8 <sup>±0.5</sup> |
|                      | MAT (N)      | 4000                 |                      |                      |                      |                      |                      |                      |                      |                      |
|                      | EDS (N)      | 1600                 |                      |                      |                      |                      |                      |                      |                      |                      |
| ADSS-150             | Peso (Kg/Km) | 131                  | 132                  | 133                  | 134                  | 134                  | 135                  | 172                  | 271                  | 273                  |
|                      | Ø Ext. (mm)  | 13.0 <sup>±0.5</sup> | 13.0 <sup>±0.5</sup> | 13.0 <sup>±0.5</sup> | 13.0 <sup>±0.5</sup> | 13.0 <sup>±0.5</sup> | 13.0 <sup>±0.5</sup> | 14.6 <sup>±0.5</sup> | 18.1 <sup>±0.5</sup> | 18.1 <sup>±0.5</sup> |
|                      | MAT (N)      | 6000                 |                      |                      |                      |                      |                      |                      |                      |                      |
|                      | EDS (N)      | 2400                 |                      |                      |                      |                      |                      |                      |                      |                      |
| ADSS-200             | Peso (Kg/Km) | 137                  | 138                  | 139                  | 140                  | 140                  | 141                  | 177                  | 276                  | 278                  |
|                      | Ø Ext. (mm)  | 13.1 <sup>±0.5</sup> | 13.1 <sup>±0.5</sup> | 13.1 <sup>±0.5</sup> | 13.1 <sup>±0.5</sup> | 13.1 <sup>±0.5</sup> | 13.1 <sup>±0.5</sup> | 14.6 <sup>±0.5</sup> | 18.1 <sup>±0.5</sup> | 18.1 <sup>±0.5</sup> |
|                      | MAT (N)      | 8000                 |                      |                      |                      |                      |                      |                      |                      |                      |
|                      | EDS (N)      | 3200                 |                      |                      |                      |                      |                      |                      |                      |                      |
| ADSS-25u             | Peso (Kg/Km) | 93                   | 94                   | 94                   | 95                   | 96                   | 97                   | 129                  | 210                  | 213                  |
|                      | Ø Ext. (mm)  | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 12.5 <sup>±0.5</sup> | 15.6 <sup>±0.5</sup> | 15.6 <sup>±0.5</sup> |
|                      | MAT (N)      | 1250                 |                      |                      |                      |                      |                      |                      |                      |                      |
|                      | EDS (N)      | 500                  |                      |                      |                      |                      |                      |                      |                      |                      |
| ADSS-50u             | Peso (Kg/Km) | 94                   | 95                   | 95                   | 96                   | 97                   | 98                   | 130                  | 211                  | 213                  |
|                      | Ø Ext. (mm)  | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 12.5 <sup>±0.5</sup> | 15.6 <sup>±0.5</sup> | 15.6 <sup>±0.5</sup> |
|                      | MAT (N)      | 2000                 |                      |                      |                      |                      |                      |                      |                      |                      |
|                      | EDS (N)      | 800                  |                      |                      |                      |                      |                      |                      |                      |                      |
| ADSS-80u             | Peso (Kg/Km) | 96                   | 97                   | 97                   | 98                   | 98                   | 100                  | 132                  | 213                  | 215                  |
|                      | Ø Ext. (mm)  | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 12.5 <sup>±0.5</sup> | 15.6 <sup>±0.5</sup> | 15.6 <sup>±0.5</sup> |
|                      | MAT (N)      | 3000                 |                      |                      |                      |                      |                      |                      |                      |                      |
|                      | EDS (N)      | 1200                 |                      |                      |                      |                      |                      |                      |                      |                      |
| ADSS-120u            | Peso (Kg/Km) | 98                   | 99                   | 100                  | 101                  | 101                  | 102                  | 134                  | 215                  | 217                  |
|                      | Ø Ext. (mm)  | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 12.5 <sup>±0.5</sup> | 15.6 <sup>±0.5</sup> | 15.6 <sup>±0.5</sup> |
|                      | MAT (N)      | 4000                 |                      |                      |                      |                      |                      |                      |                      |                      |
|                      | EDS (N)      | 1600                 |                      |                      |                      |                      |                      |                      |                      |                      |
| ADSS-150u            | Peso (Kg/Km) | 100                  | 101                  | 102                  | 103                  | 103                  | 104                  | 136                  | 217                  | 219                  |
|                      | Ø Ext. (mm)  | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 10.9 <sup>±0.5</sup> | 12.5 <sup>±0.5</sup> | 15.6 <sup>±0.5</sup> | 15.6 <sup>±0.5</sup> |
|                      | MAT (N)      | 6000                 |                      |                      |                      |                      |                      |                      |                      |                      |
|                      | EDS (N)      | 2400                 |                      |                      |                      |                      |                      |                      |                      |                      |
| Impacto              |              | 5 J                  |                      |                      |                      |                      |                      |                      |                      |                      |
| Rango Temperaturas   |              | -40° C a +70°C       |                      |                      |                      |                      |                      |                      |                      |                      |
| Radio Curvatura Mín. |              | 20 x Ø Exterior      |                      |                      |                      |                      |                      |                      |                      |                      |

Ensayos mecánicos y ambientales según IEC 60794-1-21 e IEC 60794-1-22.

Código colores Fibras (TIA-598): Azul - Naranja - Verde - Marrón - Gris - Blanco - Rojo - Negro - Amarillo - Violeta - Rosa – Turquesa

Máximo Voltaje Inducido = 12 KV

<sup>1</sup>Valores válidos para hasta 72FO. Flecha de instalación = 1.5%

<sup>2</sup>Para las construcciones de 96, 120 y 144 FO no están incluidos los cálculos de condiciones de instalación aérea.

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