

MIL-C-915/8 (DSS, TSS, FSS, 7SS)

MIL-C-915/8 Outboard Submersible Cable  
DSS, TSS, FSS, 7SS

MIL-C-915/8 Approvals and Ratings:

Mil Spec: MIL-C-915E, M915  
Navy Specs:  
DSS Cable - 2 Conductors  
TSS Cable - 3 Conductors  
FSS Cable - 4 Conductors  
7SS Cable - 7 Conductors  
Voltage Rating: 600 Volts  
MIL-C-915/8 Construction:

Conductor: Stranded bare copper wire  
Insulation: Colored synthetic rubber  
Jacket: Neoprene  
Filler: Suitable material  
Shield: Overall tinned copper braid  
Sheath: Polychloroprene  
Armored with Surface Markings  
MIL-C-915/8 Applications:

DSS, TSS, FSS, and 7SS cables may be used in sonar and hydrophone applications.  
MIL-C-915/8 Description:

Watertight cable  
Flexing cable

| Part Number | AWG Size | No. of Cond. | Approx LBS/MFT | Max O.D. (in) |
|-------------|----------|--------------|----------------|---------------|
| DSS-2       | 18       | 2            | 120            | 0.390         |
| DSS-3       | 16       | 2            | 160            | 0.500         |
| DSS-4       | 14       | 2            | 180            | 0.500         |
| TSS-2       | 18       | 3            | 140            | 0.400         |
| TSS-3       | 16       | 3            | 180            | 0.500         |
| TSS-4       | 14       | 3            | 200            | 0.500         |
| FSS-2       | 18       | 4            | 180            | 0.500         |
| FSS-3       | 16       | 4            | 210            | 0.500         |
| FSS-4       | 14       | 4            | 240            | 0.625         |
| 7SS-2       | 18       | 7            | 185            | 0.625         |



## DSS-2 Specifications: (subject to change without notice)

|                        |                      |
|------------------------|----------------------|
| AWG Size               | 18                   |
| No. of Cond.           | 2                    |
| Approx LBS/MFT         | 120                  |
| Max O.D. (in)          | 0.390                |
| Mil-Spec               | M915E/8              |
| Ampacity (Cond.) @ 50° | 5                    |
| Metal Tubes            | A                    |
| Nylon Tubes            | 2C                   |
| Cond. Material         | Tinned Copper        |
| Insul. Material        | Rubber               |
| Jacket Material        | Neoprene             |
| Shield                 | Overall Braid Shield |
| Shield Material        | Tinned Copper Braid  |
| Voltage                | 600                  |



## DSS-3 Specifications: (subject to change without notice)

|                        |                      |
|------------------------|----------------------|
| AWG Size               | 16                   |
| No. of Cond.           | 2                    |
| Approx LBS/MFT         | 160                  |
| Max O.D. (in)          | 0.500                |
| Mil-Spec               | M915E/8              |
| Ampacity (Cond.) @ 50° | 8                    |
| Metal Tubes            | B                    |
| Nylon Tubes            | 4A                   |
| Cond. Material         | Tinned Copper        |
| Insul. Material        | Rubber               |
| Jacket Material        | Neoprene             |
| Shield                 | Overall Braid Shield |
| Shield Material        | Tinned Copper Braid  |
| Voltage                | 600                  |

## DSS-4 Specifications: (subject to change without notice)

|                        |                      |
|------------------------|----------------------|
| AWG Size               | 14                   |
| No. of Cond.           | 2                    |
| Approx LBS/MFT         | 180                  |
| Max O.D. (in)          | 0.500                |
| Mil-Spec               | M915E/8              |
| Ampacity (Cond.) @ 50° | 11                   |
| Metal Tubes            | B                    |
| Nylon Tubes            | 4A                   |
| Cond. Material         | Tinned Copper        |
| Insul. Material        | Rubber               |
| Jacket Material        | Neoprene             |
| Shield                 | Overall Braid Shield |
| Shield Material        | Tinned Copper Braid  |
| Voltage                | 600                  |



## TSS-2 Specifications: (subject to change without notice)

|                        |                      |
|------------------------|----------------------|
| AWG Size               | 18                   |
| No. of Cond.           | 3                    |
| Approx LBS/MFT         | 140                  |
| Max O.D. (in)          | 0.400                |
| Mil-Spec               | M915E/8              |
| Ampacity (Cond.) @ 50° | 5                    |
| Metal Tubes            | A                    |
| Nylon Tubes            | 2D                   |
| Cond. Material         | Tinned Copper        |
| Insul. Material        | Rubber               |
| Jacket Material        | Neoprene             |
| Shield                 | Overall Braid Shield |
| Shield Material        | Tinned Copper Braid  |
| Voltage                | 600                  |

## TSS-3 Specifications: (subject to change without notice)

|                        |                      |
|------------------------|----------------------|
| AWG Size               | 16                   |
| No. of Cond.           | 3                    |
| Approx LBS/MFT         | 180                  |
| Max O.D. (in)          | 0.500                |
| Mil-Spec               | M915E/8              |
| Ampacity (Cond.) @ 50° | 8                    |
| Metal Tubes            | B                    |
| Nylon Tubes            | 4A                   |
| Cond. Material         | Tinned Copper        |
| Insul. Material        | Rubber               |
| Jacket Material        | Neoprene             |
| Shield                 | Overall Braid Shield |
| Shield Material        | Tinned Copper Braid  |
| Voltage                | 600                  |



|                        |                      |
|------------------------|----------------------|
| AWG Size               | 14                   |
| No. of Cond.           | 3                    |
| Approx LBS/MFT         | 200                  |
| Max O.D. (in)          | 0.500                |
| Mil-Spec               | M915E/8              |
| Ampacity (Cond.) @ 50° | 11                   |
| Metal Tubes            | B                    |
| Nylon Tubes            | 4A                   |
| Cond. Material         | Tinned Copper        |
| Insul. Material        | Rubber               |
| Jacket Material        | Neoprene             |
| Shield                 | Overall Braid Shield |
| Shield Material        | Tinned Copper Braid  |
| Voltage                | 600                  |

## FSS-2 Specifications: (subject to change without notice)

|                        |                      |
|------------------------|----------------------|
| AWG Size               | 18                   |
| No. of Cond.           | 4                    |
| Approx LBS/MFT         | 180                  |
| Max O.D. (in)          | 0.500                |
| Mil-Spec               | M915E/8              |
| Ampacity (Cond.) @ 50° | 4                    |
| Metal Tubes            | B                    |
| Nylon Tubes            | 4A                   |
| Cond. Material         | Tinned Copper        |
| Insul. Material        | Rubber               |
| Jacket Material        | Neoprene             |
| Shield                 | Overall Braid Shield |
| Shield Material        | Tinned Copper Braid  |
| Voltage                | 600                  |



## FSS-3 Specifications: (subject to change without notice)

|                        |                      |
|------------------------|----------------------|
| AWG Size               | 16                   |
| No. of Cond.           | 4                    |
| Approx LBS/MFT         | 210                  |
| Max O.D. (in)          | 0.500                |
| Mil-Spec               | M915E/8              |
| Ampacity (Cond.) @ 50° | 7                    |
| Metal Tubes            | B                    |
| Nylon Tubes            | 4A                   |
| Cond. Material         | Tinned Copper        |
| Insul. Material        | Rubber               |
| Jacket Material        | Neoprene             |
| Shield                 | Overall Braid Shield |
| Shield Material        | Tinned Copper Braid  |
| Voltage                | 600                  |

FSS-4 Specifications: (subject to change without notice)

|                        |                      |
|------------------------|----------------------|
| AWG Size               | 14                   |
| No. of Cond.           | 4                    |
| Approx LBS/MFT         | 240                  |
| Max O.D. (in)          | 0.625                |
| Mil-Spec               | M915E/8              |
| Ampacity (Cond.) @ 50° | 11                   |
| Metal Tubes            | C                    |
| Nylon Tubes            | 4D                   |
| Cond. Material         | Tinned Copper        |
| Insul. Material        | Rubber               |
| Jacket Material        | Neoprene             |
| Shield                 | Overall Braid Shield |
| Shield Material        | Tinned Copper Braid  |
| Voltage                | 600                  |



7SS-2 Specifications: (subject to change without notice)

|                 |                      |
|-----------------|----------------------|
| AWG Size        | 18                   |
| No. of Cond.    | 7                    |
| Approx LBS/MFT  | 185                  |
| Max O.D. (in)   | 0.625                |
| Mil-Spec        | M915E/8              |
| Metal Tubes     | C                    |
| Nylon Tubes     | 4D                   |
| Cond. Material  | Tinned Copper        |
| Insul. Material | Rubber               |
| Jacket Material | Neoprene             |
| Shield          | Overall Braid Shield |
| Shield Material | Tinned Copper Braid  |
| Voltage         | 600                  |